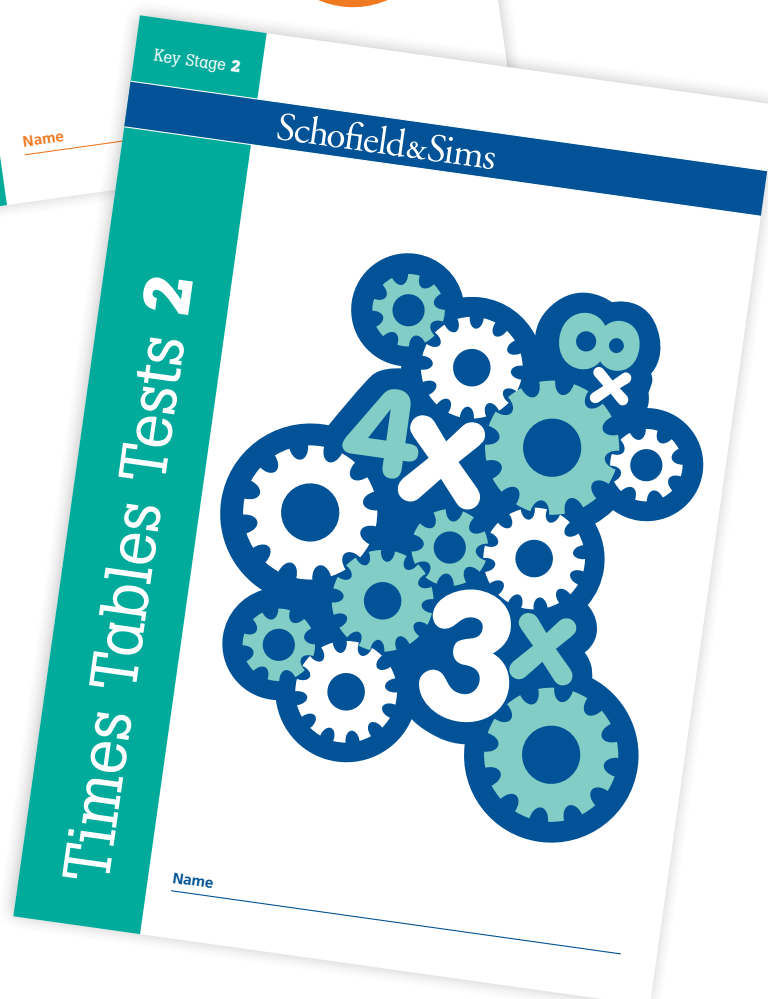
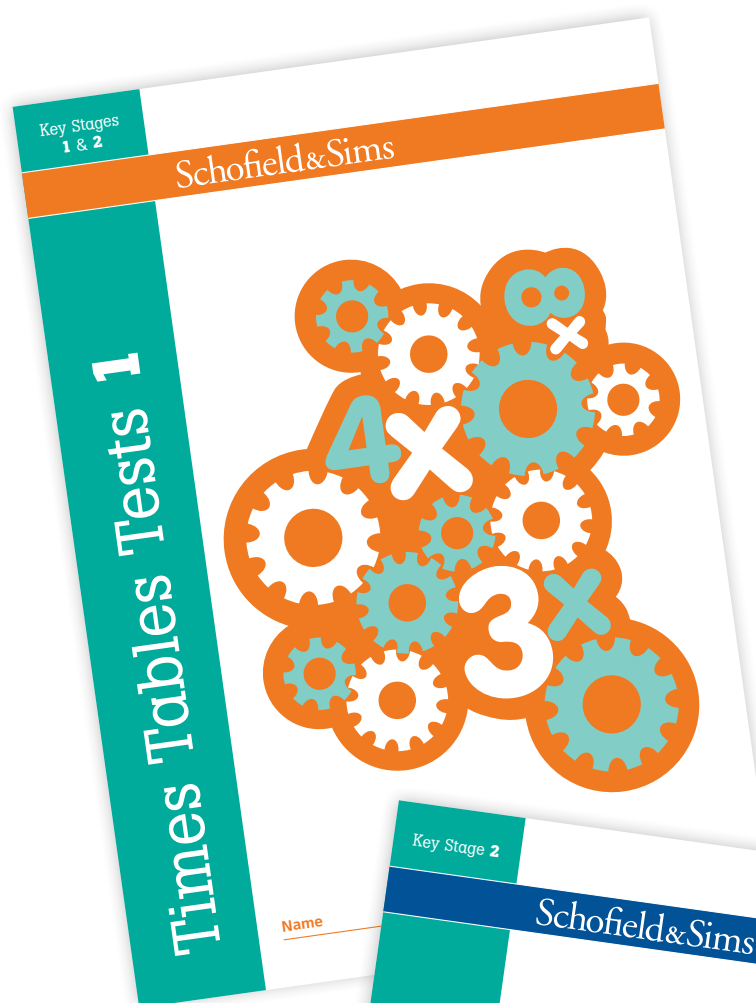


Times Tables Tests Answers



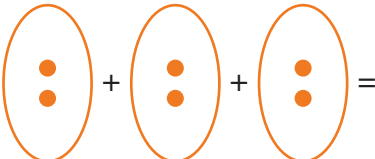
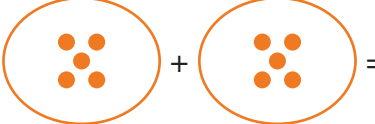
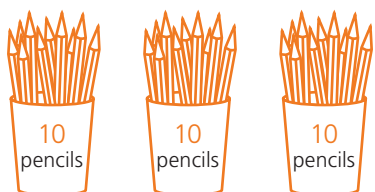
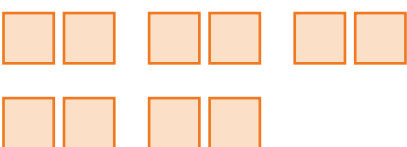




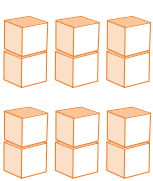

Times Tables Tests 1




Answers



SECTION 1 | Test 1

Schofield & Sims

A	Answer
1  = _____	6
2  = _____	10
3 3 sets of 10 = _____	30
	
4 5 sets of 2 = _____	10
	
5  = _____	15p
6  = _____	8p
7  $\times 2 =$ _____	10
8  $\times 2 =$ _____	20p
9  Write the number of cubes in words. _____	twelve
10  $\times 5 =$ _____	25

B	Answer
1 5, 10, 15, 20, 25,  _____	30
2 $10 + 10 + 10 + 10 + 10 =$ _____	50
3 $2 \times 2 =$ _____	4
4 10, 20, 30, 40, 50,  _____	60
5 $5p \times 4 =$ _____	20p
6 $2 + 2 + 2 + 2 + 2 + 2 + 2 =$ _____	14
7 $10 \times 7 =$ _____	70
8 Double 9cm. _____	18cm
9 2, 4, 6, 8, 10,  _____	12
10 $10p \times 5$ _____	50p

C	Answer
1 What are four twos added together? _____	8
2 9 sets of 10 are _____	90
3 5 times 8 is _____	40
4 Three twos are _____	6
5 How much are seven 5p coins altogether? _____	35p
6 What are nine groups of 5? _____	45
7 How many wheels are there altogether on 10 bicycles? _____	20
8 4 multiplied by 10 is _____	40
9 How many toes are there on 8 feet? _____	40
10 There are 10 pencils in a pack. How many are there in 10 packs? _____	100

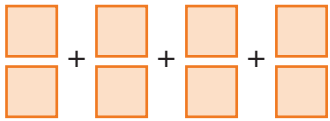

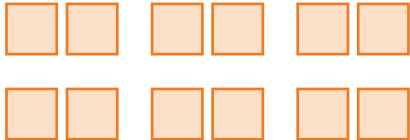


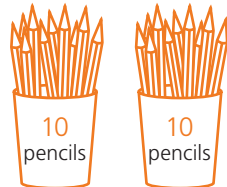


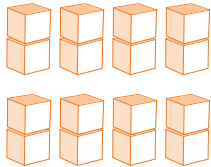
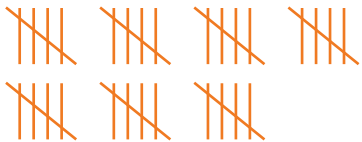
A	Answer
1 + + =	<u>15</u>
2 × 2 =	<u>4</u>
3 =	<u>20p</u>
4 Write the number of cubes in words.	<u>fourteen</u>
5 =	<u>12</u>
6 =	<u>50p</u>
7 4 sets of 10 =	<u>40</u>
8 × 10 =	<u>60</u>
9 × 7 =	<u>35p</u>
10 =	<u>30</u>




B	Answer
1 5, 10, 15, 20,	<u>25</u>
2 9 × 10 =	<u>90</u>
3 5 + 5 + 5 + 5 + 5 + 5 =	<u>30</u>
4 2p × 4 =	<u>8p</u>
5 10, , 30, 40, 50	<u>20</u>
6 2 + 2 + 2 + 2 + 2 =	<u>10</u>
7 Double 9 is	<u>18</u>
8 8 + 8 =	<u>16</u>
9 2, 4, , 8, 10, 12	<u>6</u>
10 10p × 8 =	<u>80p</u>

C	Answer
1 How much are nine 5p coins?	<u>45p</u>
2 8 sets of 5 are	<u>40</u>
3 7 times 10 is	<u>70</u>
4 Ten twos are	<u>20</u>
5 What are two groups of 5?	<u>10</u>
6 2 lots of 6 is	<u>12</u>
7 5 plus 5 plus 5 is	<u>15</u>
8 A sweet costs 5p. How much do 10 sweets cost?	<u>50p</u>
9 Multiply 10 by 10.	<u>100</u>
10 Sam is given £5 each week for 5 weeks. How much does she have now?	<u>£25</u>



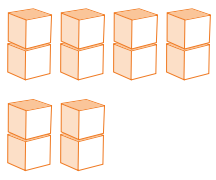
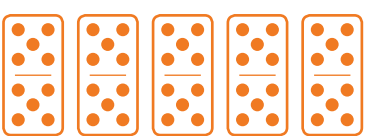





SECTION 1 | Test 3




Schofield & Sims

A	Answer
1  = _____	8
2  = _____	30p
3 6 sets of 2 = _____ 	12
4  $\times 10 =$ _____	50
5  = _____	20p
6 2 sets of 10 = _____ 	20
7  $\times 5 =$ _____	25
8  $\times 10 =$ _____	20p
9  Write the number of cubes in words. _____	sixteen
10 Count in fives to find how many. _____ 	35

B	Answer
1 10, 20, 30, 40,  _____	50
2 $5 + 5 + 5 + 5 + 5 + 5 =$ _____	30
3 Double 5 is _____	10
4 $10p \times 7 =$ _____	70p
5 2, 4, 6, 8, 10, 12,  _____	14
6 $5p \times 9 =$ _____	45p
7 $10 + 10 + 10 + 10 =$ _____	40
8 $5 \times 8 =$ _____	40
9 Twice £3 = _____	£6
10 5, 10,  , 20, 25 _____	15

C	Answer
1 Find six times ten. _____	60
2 When 9 is multiplied by 2 the answer is _____	18
3 How much are two 2p coins altogether? _____	4p
4 5 times 8 is _____	40
5 Eight tens are _____	80
6 What are nine sets of 10? _____	90
7 An apple costs 10p. How much for 6 apples? _____	60p
8 5 multiplied by 2 is _____	10
9 How many socks are there in 2 pairs? _____	4
10 How long is 10 lots of 10cm? _____	100cm

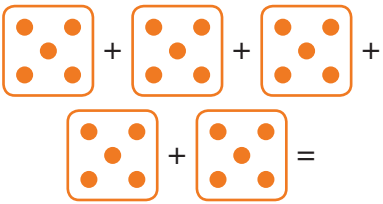
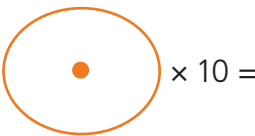
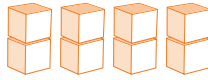
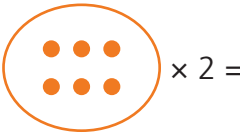



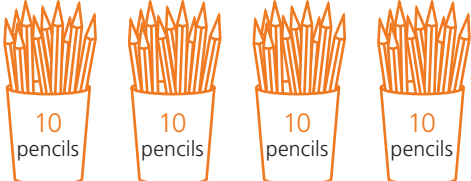

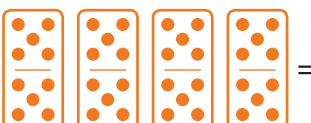
A	Answer
1  =	25p
2  =	40p
3 5 sets of 2 =	10
4  Write the number of cubes in words.	twelve
5  =	50
6  $\times 5 =$	25
7  $\times 3 =$	30
8 Count in fives to find how many. 	20
9  $\times 5 =$	10
10  =	8




B	Answer
1 $9 + 9 =$	18
2 $5 \times 7 =$	35
3 20, 25, 30, 35, 40, 	45
4 $10 + 10 =$	20
5 2, 4, 6, 8, 10, 	12
6 $5p \times 8 =$	40p
7 50, 60, 70, 80, 90, 	100
8 $2 + 2 + 2 =$	6
9 $5 \times 3 =$	15
10 Twice £8 is	£16

C	Answer
1 Multiply six by ten.	60
2 Ten times two is	20
3 How much are eight 5p coins altogether?	40p
4 How many boots are there in 6 pairs?	12
5 8 times 10 is	80
6 Ten fives are	50
7 A banana costs 10p. How much for 9 bananas?	90p
8 What are seven sets of ten?	70
9 1 multiplied by 2 is	2
10 How many fingers are there on 8 gloves?	40

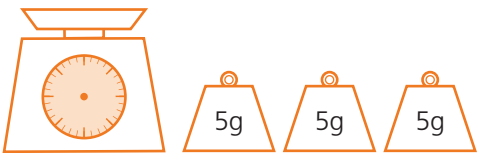
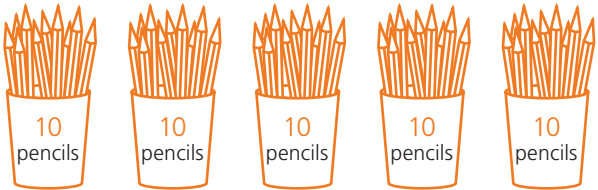





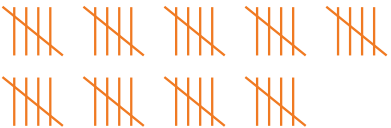


SECTION 1 | Test 5




Schofield & Sims

A	Answer
1 	_____ 25
2 	_____ 10
3  Write the number of cubes in words.	_____ eight
4 	_____ 12
5 	_____ 40p
6 	_____ 10
7 	_____ 50p
8 4 sets of 10 = 	_____ 40
9 	_____ 30p
10 	_____ 40

B	Answer
1 Twice 7 is _____	14
2 30, 35, 40, 45, 	50
3 $10 \times 10 =$ _____	100
4 $5 + 5 + 5 + 5 + 5 + 5 + 5 =$ _____	35
5 $2p \times 9 =$ _____	18p
6 40, 50, 60, 70, 80, 	90
7 $2\text{cm} + 2\text{cm} + 2\text{cm} =$ _____	6cm
8 $5\text{g} + 5\text{g} + 5\text{g} =$ _____	15g
9 8, 10, 12, 14, 	16
10 $5p \times 9 =$ _____	45p

C	Answer
1 10 plus 10 plus 10 is _____	30
2 2 sets of 10 are _____	20
3 1 times 5 is _____	5
4 How much are four 5p coins? _____	20p
5 Six tens are _____	60
6 Multiply 8 by 10. _____	80
7 Double 5 and then double the answer. _____	20
8 Jo earns £8 each week for 5 weeks. How much does she earn? _____	£40
9 A toffee costs 7p. How much do 10 toffees cost? _____	70p
10 How many toes on 2 feet? _____	10

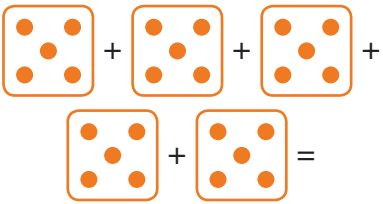


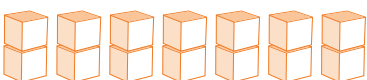
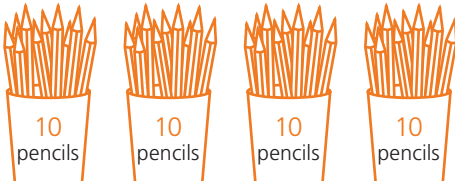



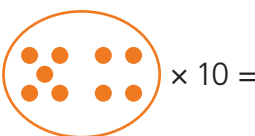

A	Answer
1 How heavy? 	15g
2 5 sets of 10 = 	50
3  $\times 10 =$	40
4  =	35p
5 How many triangles? 	14
6  $\times 2 =$	12
7  =	10p
8 Count in fives to find how many. 	45
9  $\times 9 =$	45p
10  What is the total?	6


B	Answer
1 $10\text{cm} + 10\text{cm} + 10\text{cm} =$	30cm
2 Double 8 is	16
3 30, 40, 50, 	60
4 $5\text{g} + 5\text{g} + 5\text{g} + 5\text{g} =$	20g
5 $10 \times 10 =$	100
6 $5 + 5 + 5 + 5 + 5 =$	25
7 $2\text{p} \times 4 =$	8p
8 40, 50, 60, 70, 	80
9 10, 12, 14, 16, 	18
10 $\text{£}5 \times 6 =$	£30

C	Answer
1 Two fives are	10
2 5 times 2 times 10 is	100
3 7 sets of 10 are	70
4 How much are seven 5p coins?	35p
5 1 times 2 is	2
6 Multiply 5 by 10.	50
7 Double 2 and then double the answer.	8
8 How many fingers on 6 gloves?	30
9 Oliver spends £2 each week for 10 weeks. How much does he spend?	£20
10 An orange costs 10p. How much for 4 oranges?	40p




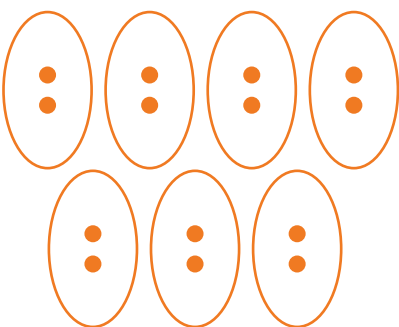
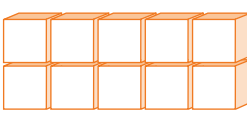
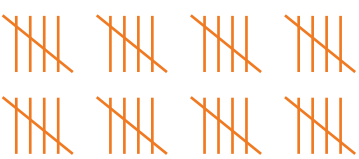



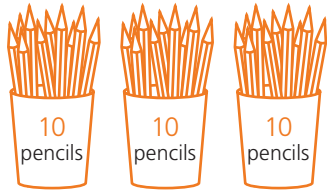

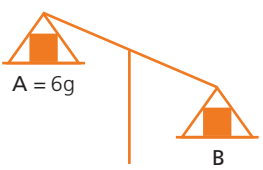
SECTION 1 | Test 7


Schofield & Sims

A	Answer
1 	_____ 25
2 	_____ 12
3  is how many 10ps?	_____ 2
4 14 cubes. How many sets of 2? 	_____ 7
5  shared between 10 people. How many each?	_____ 4
6  shared between 5 people. How much each?	_____ 10p
7  ÷ 2	_____ 5
8 How heavy? 	_____ 6g
9 	_____ 90
10  × 9 =	_____ 45p

B	Answer
1 $8 \times 10\text{ml} =$	_____ 80ml
2 $15 - 5 - 5 - 5 =$	_____ 0
3 $\frac{1}{2}$ of 18 is	_____ 9
4 $10\text{p} \times 6 =$	_____ 60p
5 $5 + 5 =$	_____ 10
6 $6 \times 5 =$	_____ 30
7 Double 10 is	_____ 20
8 $8 \div 2 =$	_____ 4
9 25, 30, 35, 40,  , 50	_____ 45
10 $20\text{p} \div 2 =$	_____ 10p

C	Answer
1 Find half of 16.	_____ 8
2 7 times 5 is	_____ 35
3 How many fives in 40?	_____ 8
4 Multiply 3 by 10.	_____ 30
5 50g shared between 5 is	_____ 10g
6 20 divided by 5 is	_____ 4
7 How many 10p coins make 100p?	_____ 10
8 A spoon holds 5 millilitres. How much do 4 spoons hold?	_____ 20ml
9 There are 18 socks. How many pairs is this?	_____ 9
10 7 tens are	_____ 70


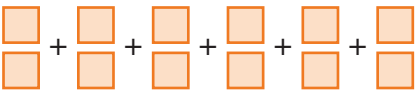




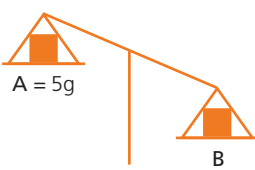

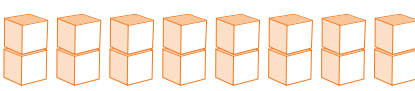

A	Answer
1 Half of 	<u>10p</u>
2  ×  = 40p	<u>4</u>
3 	<u>14</u>
4  × 5 =	<u>50</u>
5 	<u>40</u>
6  × 9 =	<u>45</u>
7  ×  = 20p	<u>4</u>
8  ÷ 10 =	<u>3</u>
9  × 8 =	<u>16</u>
10  B is five times as heavy as A. How heavy is B?	<u>30g</u>



B	Answer
1 $\frac{1}{2}$ of 12 is	<u>6</u>
2 $5 \times 5 =$	<u>25</u>
3 $2 + 2 + 2 + 2 + 2 =$	<u>10</u>
4 $10 \times 10p =$	<u>£1</u>
5 $20 - 10 - 10 =$	<u>0</u>
6 $5p \times 8 =$	<u>40p</u>
7 100, 90, 80, 70, 	<u>60</u>
8 $18 \div 2 =$	<u>9</u>
9 $4cm + 4cm =$	<u>8cm</u>
10 $£15 \div 5 =$	<u>£3</u>

C	Answer
1 Multiply seven by ten.	<u>70</u>
2 How many fives in 35?	<u>7</u>
3 Ten times eight is	<u>80</u>
4 90g shared between 10 is	<u>9g</u>
5 Forty-five divided by five is	<u>9</u>
6 25 divided by 5 is	<u>5</u>
7 £6 is shared between 2 people. How much each?	<u>£3</u>
8 4 multiplied by 10 is	<u>40</u>
9 How many 5p coins make 50p?	<u>10</u>
10 A pear costs 10p. I spent 70p on pears. How many did I buy?	<u>7</u>


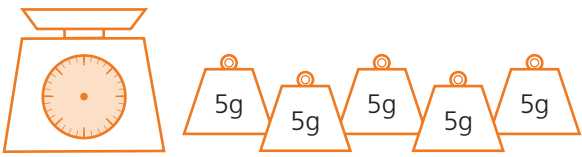
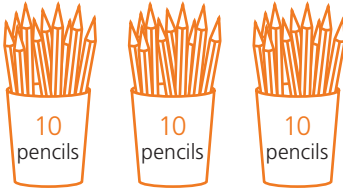
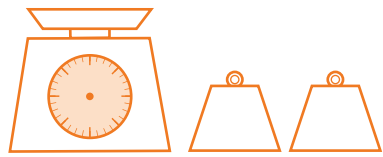

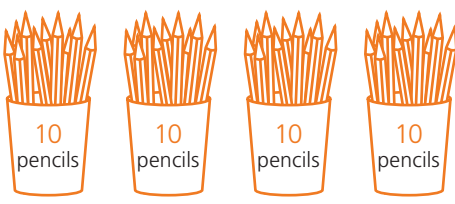



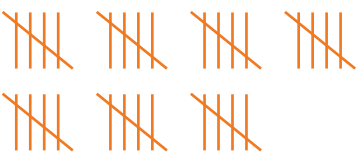
SECTION 1 | Test 9



Schofield & Sims

A	Answer
1  $\times 8 =$	<u>80p</u>
2  $=$	<u>12</u>
3  $\times 3 =$	<u>15</u>
4  $=$	<u>25p</u>
5  $\div 2 =$	<u>5</u>
6  $\times 9 =$	<u>45</u>
7  B is ten times as heavy as A. How heavy is B?	<u>50g</u>
8  $=$	<u>6p</u>
9 How many cubes? 	<u>16</u>
10 	<u>25</u>

B	Answer
1 Double 10ml is	<u>20ml</u>
2 50, 45, 40, 35, 	<u>30</u>
3 $5 + 5 + 5 + 5 + 5 =$	<u>25</u>
4 $\frac{1}{2}$ of 18 is	<u>9</u>
5 $90 \div 10 =$	<u>9</u>
6 $8 - 2 - 2 - 2 - 2 =$	<u>0</u>
7 $10p \times 7 =$	<u>70p</u>
8 20, 18, 16,  , 12	<u>14</u>
9 $40 \div 5 =$	<u>8</u>
10 $2 \times 6 =$	<u>12</u>

C	Answer
1 Divide 30 by 10.	<u>3</u>
2 How many twos in six?	<u>3</u>
3 5 times 10 is	<u>50</u>
4 How many 2p coins are equal to 20p?	<u>10</u>
5 What is 6 groups of 10?	<u>60</u>
6 There are 40 fingers. How many gloves?	<u>8</u>
7 There are 14 people. How many legs?	<u>28</u>
8 Some weights are 10g each. How heavy are 10 of these weights altogether?	<u>100g</u>
9 A ribbon is 50cm long. It is cut into 10 equal pieces. How long is each piece?	<u>5cm</u>
10 There are 8 motorbikes. How many wheels?	<u>16</u>

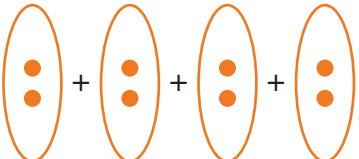
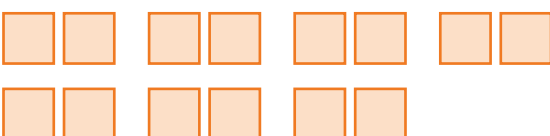

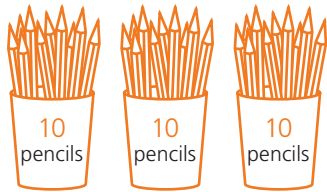



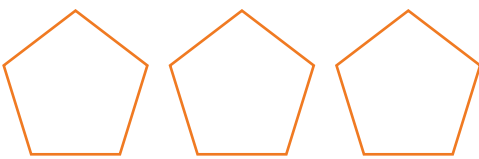


A	Answer
1  $\div 5 =$ _____	10p
2 How heavy? _____	25g
	
3 3 sets of 10 = _____	30
	
4 The total weight is 16g. How heavy is each weight? They are both the same. _____	8g
	
5  $\times 2 =$ _____	8
6  shared between 5 people. How many each? _____	8
7 How many triangles? _____	12
	
8  $\div 2 =$ _____	3
9  $\div 5 =$ _____	4p
10  _____	35

B	Answer
1 20, 18, 16,  , 12 _____	14
2 10cm + 10cm + 10cm + 10cm = _____	40cm
3 Half of 18 is _____	9
4 30g $\div 5 =$ _____	6g
5 2 \times 3 = _____	6
6 9 \times 5ml = _____	45ml
7 20 - 10 - 10 = _____	0
8 £40 $\div 5 =$ _____	£8
9 100, 90, 80,  _____	70
10 5 + 5 = _____	10

C	Answer
1 1 times 10 is _____	10
2 20 divided by 2 is _____	10
3 How many tens in 80? _____	8
4 10 sets of 10 are _____	100
5 How much are three 5p coins? _____	15p
6 Divide 60 by 10. _____	6
7 Double 4 and then double the answer. _____	16
8 How many wheels on 7 bicycles? _____	14
9 Some four-legged tables have 20 legs altogether. How many tables? _____	5
10 Max saves £10 per week. How long before he saves £90? _____	9 weeks

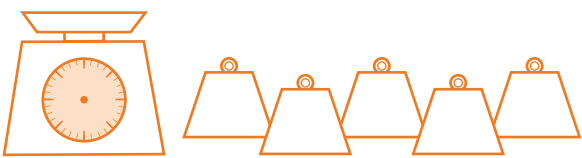

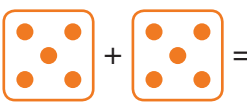



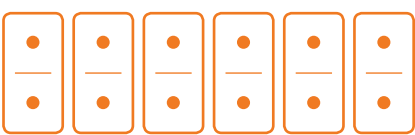

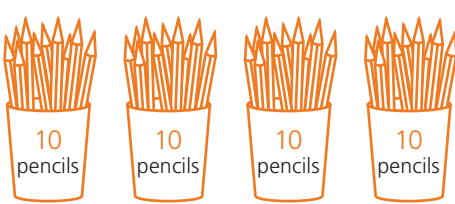


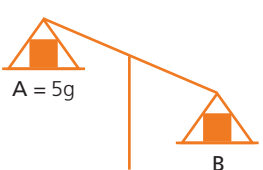
SECTION 1 | Test 11


Schofield & Sims

A	Answer
1  = _____	8
2 7 sets of 2 = _____ 	14
3  $\times 8 =$ _____	40
4  $\div 5 =$ _____	6
5  $\times 9 =$ _____	45p
6 How many triangles? 	8
7  $\div 4 =$ _____	5p
8 How many sides altogether? 	15
9  $\div 5 =$ _____	1
10  $\times 9 =$ _____	18g

B	Answer
1 70, 60, 50, 40, _____	30
2 $100 \div 10 =$ _____	10
3 $8 \times 2\text{ml} =$ _____	16ml
4 Halve 20. _____	10
5 $7 + 7 + 7 + 7 + 7 =$ _____	35
6 $60 \div 6 =$ _____	10
7 $10 \times 8 =$ _____	80
8 $50\text{cm} \div 5 =$ _____	10cm
9 $7 \times 10 =$ _____	70
10 $2 \div 2 =$ _____	1

C	Answer
1 How much are three twos added together? _____	6
2 Divide 12 by 2. _____	6
3 What is half of 10? _____	5
4 How many fives in 25? _____	5
5 Four tens are _____	40
6 How many wheels on 3 motorbikes? _____	6
7 5 multiplied by 10 is _____	50
8 20 divided by 10 is _____	2
9 How many toes are there on 6 feet? _____	30
10 There are 10 pens in a pack. How many are there in 9 packs? _____	90

A	Answer
<p>1 The total weight is 20g. How heavy is each weight? They are all the same. _____ 4g</p> 	
<p>2  +  = _____ 25</p>	
<p>3  $\times 5 =$ _____ 5</p>	
<p>4  $\div 2 =$ _____ 3</p>	
<p>5  $\div 5 =$ _____ 6p</p>	
<p>6  = _____ 12</p>	
<p>7  $\times 10 =$ _____ 100p</p>	
<p>8  shared between 4 = _____ 10</p>	
<p>9  \times  = 35p _____ 7</p>	
<p>10  A = 5g B is three times as heavy as A. How heavy is B? _____ 15g</p>	

B	Answer
1 Double 7 is _____ 14	
2 $10 - 5 - 5 =$ _____ 0	
3 $\frac{1}{2}$ of 16 is _____ 8	
4 $2p \times 7 =$ _____ 14p	
5 $5\text{cm} + 5\text{cm} + 5\text{cm} =$ _____ 15cm	
6 50, 45,  , 35, 30, 25 _____ 40	
7 $10g \times 8 =$ _____ 80g	
8 $45 \div 5 =$ _____ 9	
9 $10 + 10 + 10 + 10 + 10 =$ _____ 50	
10 $10 \div 2 =$ _____ 5	

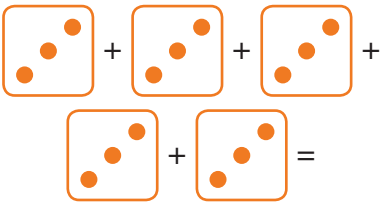


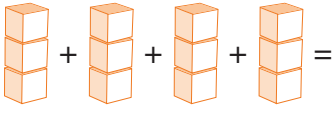

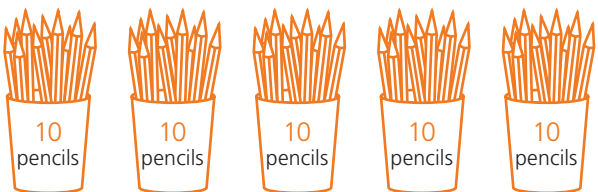

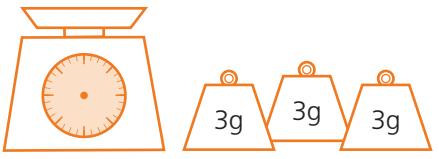



C	Answer
1 Seven tens are _____ 70	
2 How many groups of 2 in 20? _____ 10	
3 4 times 10 is _____ 40	
4 How many pence are ten 10p coins? _____ 100p	
5 Multiply 6 by 10. _____ 60	
6 90 divided by 9 is _____ 10	
7 Double 3 and then double the answer. _____ 12	
8 How many toes on 9 feet? _____ 45	
9 How many legs on 5 four-legged tables? _____ 20	
10 A toffee costs 5p. How much do 10 toffees cost? _____ 50p	



Write the numbers 1 to 20 down the side of a sheet of paper.
Write alongside these numbers the **answers only** to the following questions.
Work as quickly as you can. Time allowed – **10 minutes**.

- 1  = _____ **10**
- 2  4 sets of 10 = _____ **40**
- 3 $5 + 5 + 5 + 5 + 5 =$ _____ **25**
- 4  $\times 2 =$ _____ **8**
- 5 $10 + 10 + 10 + 10 =$ _____ **40**
- 6 50, 45, , 35, 30, 25 _____ **40**
- 7 $3 \times 5 =$ _____ **15**
- 8  $\div 2 =$ _____ **3**
- 9 Share £60 between 10 people. _____ **£6**
- 10 What is 6 multiplied by 2? _____ **12**
- 11 What is one-half of 14m? _____ **7m**
- 12 $45 \div 5 =$ _____ **9**
- 13 When 70 is divided by 10, what is the answer? _____ **7**
- 14 What is 10 times 3? _____ **30**
- 15 Double 8. _____ **16**
- 16 How many 2p coins are worth the same as a 20p coin? _____ **10**
- 17 A parcel weighs 4kg. How heavy are 5 parcels of the same weight? _____ **20kg**
- 18 A sweet costs 5p. How much for 7 sweets? _____ **35p**
- 19 What is half of 18? _____ **9**
- 20 Divide 30 by 5. _____ **6**

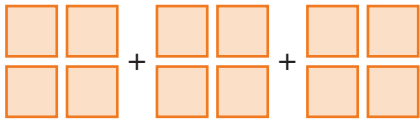




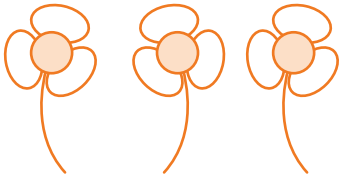





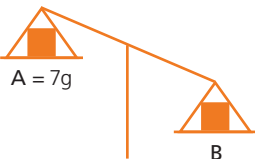
SECTION 2 | Test 1



Schofield & Sims

A	Answer
1 	15
2  is how many 2ps?	10
3  $\times 2 =$	8
4 	12
5  $\div 5 =$	10p
6  shared between 10 people. How many each?	5
7  $\times 7$	70
8 	9g
9  \times  $= 20p$	4
10  $\times 5 =$	45


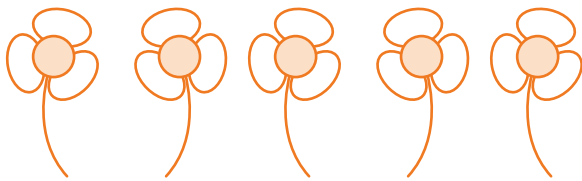



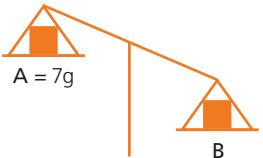

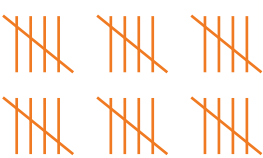

B	Answer
1 4, 8, 12, 16, 	20
2 $3 \times 4\text{ml} =$	12ml
3 $18 \div 3 =$	6
4 $1 \times 4 =$	4
5 $\frac{1}{2}$ of 16 =	8
6 $40p \div 4 =$	10p
7 3, 6, 9, 12, 	15
8 $4 + 4 + 4 + 4 =$	16
9 $3 + 3 + 3 + 3 + 3 + 3 + 3 =$	21
10 $6\text{kg} \div 3 =$	2kg



C	Answer
1 What is four times four?	16
2 What are eight threes?	24
3 Multiply 6 by 4.	24
4 How many 5p coins make 35p?	7
5 25g shared between 5 is	5g
6 40 divided by 10 is	4
7 A spoon holds 5 millilitres. How much do 6 spoons hold?	30ml
8 There are 10 pens in a box. How many pens in 6 boxes?	60
9 What is 8 plus 8 plus 8 plus 8?	32
10 A flower has 3 petals. How many petals on 9 flowers?	27

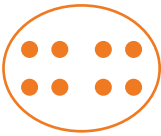

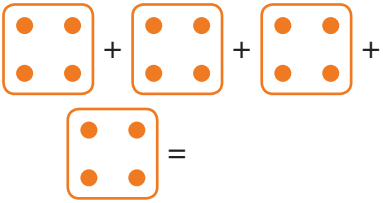


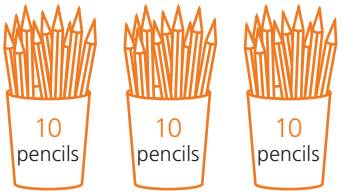

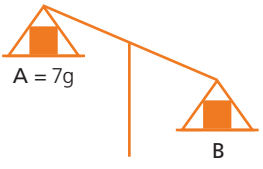
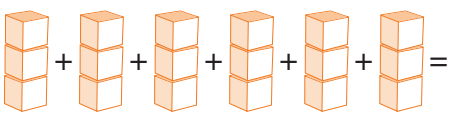

A		Answer
1	 = _____	12
2	 \times  = 60p	6
3	 \times 4 = _____	8
4	 \div 4 = _____	5p
5	How many petals? 	9
6	 \times 7 = _____	21
7	 = _____	9
8	 \times 6 = _____	24
9	 \times  = 20p	10
10	 B is four times as heavy as A. How heavy is B?	28g

B		Answer
1	$8 + 8 + 8 =$ _____	24
2	3, 6, 9, 12,  , 18	15
3	$10 \times 10\text{ml} =$ _____	100ml
4	$3\text{cm} + 3\text{cm} =$ _____	6cm
5	$2 \times 4 =$ _____	8
6	$16 - 4 - 4 - 4 - 4 =$ _____	0
7	$8 \times 2 =$ _____	16
8	$10 \div 10 =$ _____	1
9	4, 8, 12, 16, 	20
10	$\pounds 40 \div 4 =$ _____	$\pounds 10$

C		Answer
1	Divide 35 by 5.	7
2	How many are six threes?	18
3	9 multiplied by 3 is	27
4	A sweet costs 4p. How much for 8 sweets?	32p
5	Forty-five divided by five is	9
6	How many fives in 25?	5
7	How many legs are there on 9 four-legged tables?	36
8	$\pounds 6$ is shared between 3 people. How much each?	$\pounds 2$
9	How many 5p coins make 30p?	6
10	There are 16 shoes. How many pairs is this?	8


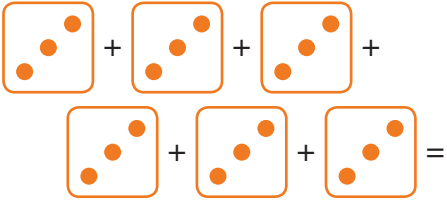

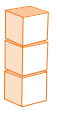
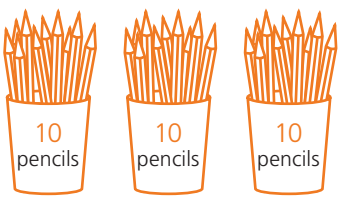
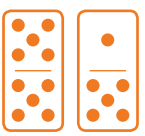



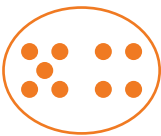
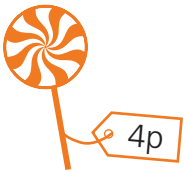
A	Answer
1  $\times 10 =$	<u>£1</u>
2 How many petals? 	<u>15</u>
3  $\times 4 =$	<u>16</u>
4  $=$	<u>20p</u>
5  $\div 5 =$	<u>2</u>
6  B is three times as heavy as A. How heavy is B?	<u>21g</u>
7  $\times 3$	<u>6p</u>
8 The total weight is 18g. How heavy is each weight? They are all the same.	<u>6g</u>
9 	<u>30</u>
10  $\times 6 =$	<u>24</u>



B	Answer
1 $3 \times 4\text{ml} =$	<u>12ml</u>
2 4, 8, 12, 16, 	<u>20</u>
3 $8 + 8 + 8 =$	<u>24</u>
4 $£30 \div 3 =$	<u>£10</u>
5 $9 + 9 + 9 =$	<u>27</u>
6 $15 - 5 - 5 - 5 =$	<u>0</u>
7 $10\text{p} \times 4 =$	<u>40p</u>
8 $7 + 7 + 7 + 7 =$	<u>28</u>
9 3, 6, 9, 12, 15, 18, 21, 	<u>24</u>
10 $32 \div 4 =$	<u>8</u>
C	Answer
1 Divide 40 by 5.	<u>8</u>
2 There are 9 people. How many legs?	<u>18</u>
3 How many 10p coins are equal to 70p?	<u>7</u>
4 How many are nine fours?	<u>36</u>
5 There are 25 toes. How many feet?	<u>5</u>
6 3 divided by 3 is	<u>1</u>
7 What is 3 sets of 4?	<u>12</u>
8 Some weights are 4g each. How heavy are 2 of these weights altogether?	<u>8g</u>
9 A ribbon is 21cm long. It is cut into 3 equal pieces. How long is each piece?	<u>7cm</u>
10 8kg plus 8kg plus 8kg plus 8kg is	<u>32kg</u>

A	Answer
1  $\times 4 =$ _____	32
2 How heavy? _____	24g
	
3  $=$ _____	16
4  $\div 4 =$ _____	5p
5 How many petals? _____	9
	
6  shared between 3 = _____	10
7  \times _____ = 45p	9
8  B is five times as heavy as A. How heavy is B? _____	35g
9  $=$ _____	18
10 How many triangles? _____	28
	

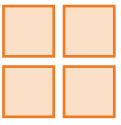

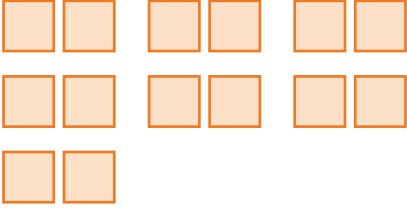


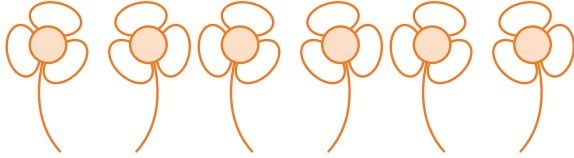

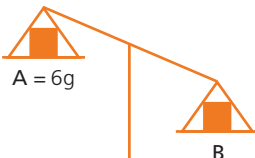

B	Answer
1 $4 \times 8 =$ _____	32
2 $12 - 3 - 3 - 3 - 3 =$ _____	0
3 $27 \div 3 =$ _____	9
4 $4 + 4 + 4 + 4 + 4 =$ _____	20
5 $2\text{kg} + 2\text{kg} + 2\text{kg} =$ _____	6kg
6 3, 6, 9, 12, _____, 18	15
7 $4\text{g} \times 8 =$ _____	32g
8 20, 24, 28, 32, _____, 40	36
9 $10\text{p} + 10\text{p} + 10\text{p} + 10\text{p} =$ _____	40p
10 $18 \div 3 =$ _____	6



C	Answer
1 Seven threes are _____	21
2 How many groups of 4 in 28? _____	7
3 8 times 3 is _____	24
4 How many pence are eight 5p coins? _____	40p
5 Multiply 3 by 8. _____	24
6 32 divided by 4 is _____	8
7 Halve 16 and then halve the answer. _____	4
8 How many fingers on 6 gloves? _____	30
9 Divide 25 by 5 and then divide the answer by 5. _____	1
10 A chew costs 4p. How much do 9 chews cost? _____	36p


A	Answer
1  $\times 7 =$ _____	28
2  $=$ _____	18
3  is how many lots of 4p? _____	5
4  $\div 3 =$ _____	1
5  shared between 10 people. How many each? _____	3
6  $\div 2 =$ _____	8
7 How heavy? _____	27g
	
8  \times  $= 24$ _____	4
9  $\times 4 =$ _____	36
10  You have 32p. How many 4p lollipops can you buy? _____	8

B	Answer
1 $3 + 3 + 3 + 3 + 3 + 3 =$ _____	18
2 $30p \div 10 =$ _____	3p
3 4, 8,  , 16, 20 _____	12
4 $4 \div 4 =$ _____	1
5 $9\text{kg} \div 3 =$ _____	3kg
6 3, 6, 9, 12,  _____	15
7 $8 \times \text{£}3 =$ _____	£24
8 $3 \times 7\text{ml} =$ _____	21ml
9 $\frac{1}{2}$ of 14 is _____	7
10 $9 + 9 + 9 + 9 =$ _____	36

C	Answer
1 What is 4 plus 4 plus 4? _____	12
2 What is two times four? _____	8
3 What are nine threes? _____	27
4 24 divided by 3 is _____	8
5 Multiply 4 by 4. _____	16
6 15g shared between 5 is _____	3g
7 A spoon holds 4 millilitres. How much do 7 spoons hold? _____	28ml
8 There are 4 small cakes in a box. How many cakes in 8 boxes? _____	32
9 How many legs are there on 7 cows? _____	28
10 Divide 100 by 10 and divide the answer by 5. _____	2

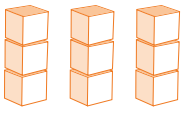


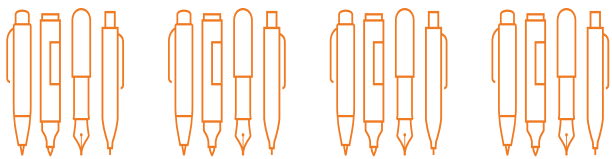
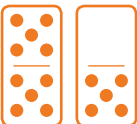
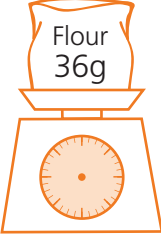




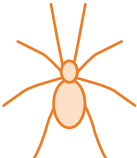
A	Answer
1  $\times 8 =$	<u>32</u>
2 How many 3p chews could you buy? 	<u>10</u>
3 	<u>14</u>
4 The total weight is 16g. How heavy is each weight? They are all the same.	<u>4g</u>
5  $\times 3 =$	<u>15</u>
6  $\div 4 =$	<u>5p</u>
7 How many petals? 	<u>18</u>
8  $\times 8 =$	<u>32</u>
9  B is four times as heavy as A. How heavy is B?	<u>24g</u>
10  $\div 4 =$	<u>9</u>



B	Answer
1 $\frac{1}{2}$ of 18p is	<u>9p</u>
2 16, 20,  , 28, 32	<u>24</u>
3 $6 + 6 + 6 =$	<u>18</u>
4 $8 \times 5 =$	<u>40</u>
5 $40p \div 4 =$	<u>10p</u>
6 $12\text{ml} \div 3 =$	<u>4ml</u>
7 $9 + 9 + 9 =$	<u>27</u>
8 $3 \times 8 =$	<u>24</u>
9 Twice £4 is	<u>£8</u>
10 9, 12, 15, 18, 	<u>21</u>

C	Answer
1 Divide 18 by 3.	<u>6</u>
2 What is £24 shared between 4?	<u>£6</u>
3 How much are seven 5p coins altogether?	<u>35p</u>
4  groups of 4 are 28. What is the missing number?	<u>7</u>
5 27 divided by 9 is	<u>3</u>
6 What are six sets of three?	<u>18</u>
7 An apple costs 8p. How much for 3 apples?	<u>24p</u>
8 9 multiplied by 5 is	<u>45</u>
9 How many 3p sweets can be bought with 15p?	<u>5</u>
10 How many legs on 6 sheep?	<u>24</u>

SECTION 2 | Test 7

Schofield & Sims

A	Answer
1  $\div 3 =$ _____	3
2  $\times 10 =$ _____	40
3  is how many lots of 4p? _____	6
4 How many? _____	16
	
5 What is one-third of  ? _____	5
6  How much flour is one-quarter of this? _____	9g
7  \times  $= 48$ _____	8
8  You have 27p. How many 3p lollipops can you buy? _____	9
9  $\times 8 =$ _____	24
10  Spiders have 8 legs. How many legs do 6 spiders have? _____	48


B	Answer
1 40, 36,  , 28, 24, 20 _____	32
2 $\frac{1}{5}$ of 25g is _____	5g
3 $3 \times 8\text{ml} =$ _____	24ml
4 $8\text{kg} \div 4 =$ _____	2kg
5 $8 \times 8 =$ _____	64
6 30, 27, 24, 21,  _____	18
7 $1 \times \pounds 3 =$ _____	£3
8 $\frac{1}{10}$ of 70ml is _____	7ml
9 $9 + 9 + 9 =$ _____	27
10 $21 \div 3 =$ _____	7

C	Answer
1 What is one-quarter of 20? _____	5
2 What is three times eight? _____	24
3 What are seven fours? _____	28
4 £12 shared between 4 is _____	£3
5 Multiply 3 by 3. _____	9
6 Divide 30kg by 3. _____	10kg
7 A spoon holds 4 millilitres. How many full spoonfuls can you get from 28 millilitres? _____	7
8 How many 8p toffees can be bought with 24p? _____	3
9 How many legs are there on 8 horses? _____	32
10 How many days are there in 3 weeks? _____	21

A Answer

- 1 The total weight is 24kg.
How heavy is each weight?
They are all the same. _____ 8kg






- 2  $\div 3 =$ _____ 2

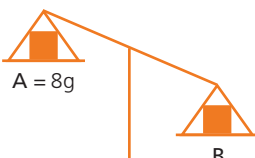
- 3 How much is one-quarter of this? _____ 5p



- 4  = _____ 18

- 5  $\div 8 =$ _____ 5p

- 6  \times  = 32 _____ 8

- 7  B is four times as heavy as A.
How heavy is B? _____ 32g

- 8 Find one-tenth of  _____ 5p

- 9 There are 72 sweets.
How many groups of 8 is this? _____ 9

- 10 How heavy? _____ 27g



B Answer


- 1 $\frac{1}{5}$ of 35ml is _____ 7ml

- 2 $16 - 4 - 4 - 4 - 4 =$ _____ 0

- 3 40, 36, , 28, 24 _____ 32

- 4 $7p \times 4 =$ _____ 28p

- 5 $9\text{cm} + 9\text{cm} + 9\text{cm} =$ _____ 27cm

- 6 50, 45, , 35, 30, 25 _____ 40

- 7 $\frac{1}{3}$ of 21g is _____ 7g

- 8 $40 \div 4 =$ _____ 10

- 9 $8 + 8 + 8 + 8 =$ _____ 32

- 10 $15 \div 3 =$ _____ 5

C Answer

- 1 Seven threes are _____ 21

- 2 How many pence are ten 10p coins? _____ 100p

- 3 How many groups of 3 in 12? _____ 4

- 4 3 times 10 is _____ 30

- 5 Divide 28 by 4. _____ 7

- 6 56 divided by 8 is _____ 7

- 7 How many toes on 5 feet? _____ 25

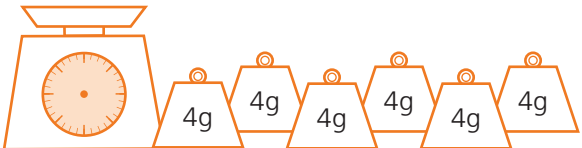



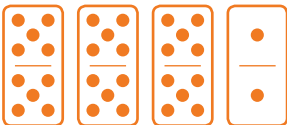
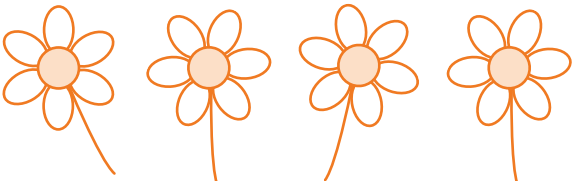
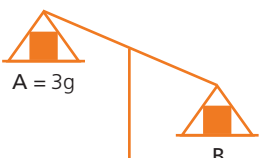
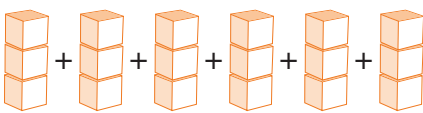








- 8 What is one-third of 18kg? _____ 6kg



- 9 A spoon holds 8 millilitres.
How many full spoonfuls can you get from 48 millilitres? _____ 6


- 10 How many 6p toffees can be bought with 54p? _____ 9

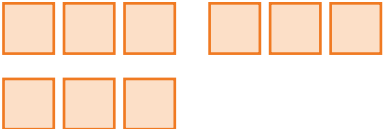
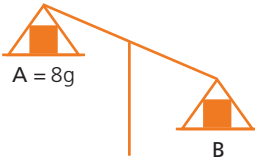
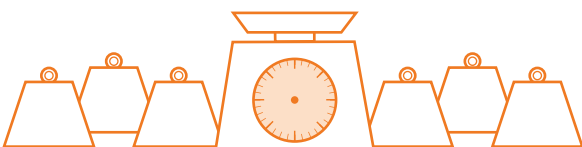





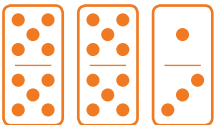
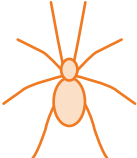
SECTION 2 | Test 9



Schofield & Sims


A	Answer
1 How heavy? 	<u>24g</u>
2  \times  = 28	<u>7</u>
3  $\times 3 =$	<u>15p</u>
4  $\div 8 =$	<u>4</u>
5 How many petals? 	<u>24</u>
6  B is seven times as heavy as A. How heavy is B?	<u>21g</u>
7  $+$  $+$  $+$  $+$  $+$  $+$  $=$	<u>18</u>
8 How many triangles? 	<u>20</u>
9 Find one-tenth of 	<u>2p</u>
10 There are 36 sweets. How many groups of 4?	<u>9</u>


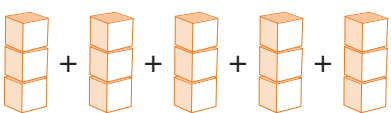



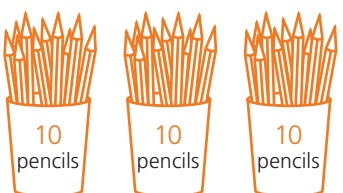

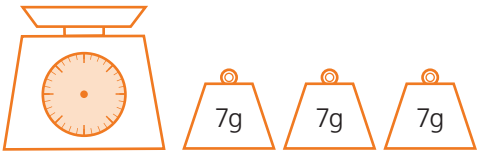
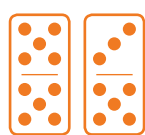
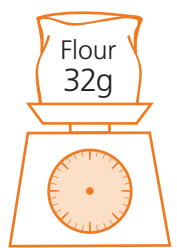
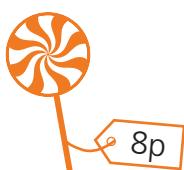
B	Answer
1 $4 \times 9 =$	<u>36</u>
2 $9 - 3 - 3 - 3 =$	<u>0</u>
3 $\frac{1}{5}$ of 30g is	<u>6g</u>
4 $24 \div 3 =$	<u>8</u>
5 30,  , 24, 21, 18	<u>27</u>
6 $4\text{kg} + 4\text{kg} + 4\text{kg} + 4\text{kg} =$	<u>16kg</u>
7 $\frac{1}{3}$ of 30ml is	<u>10ml</u>
8 40, 36, 32,  , 24	<u>28</u>
9 $10\text{p} \times 10 =$	<u>£1</u>
10 $\frac{1}{4}$ of 12 is	<u>3</u>

C	Answer
1 One-third of 21 is	<u>7</u>
2 How many pence are nine 5p coins?	<u>45p</u>
3 How many groups of 4 in 40?	<u>10</u>
4 8 multiplied by 7 is	<u>56</u>
5 24 divided by 8 is	<u>3</u>
6 What is one-quarter of 8?	<u>2</u>
7  groups of 3 are 18. What is the missing number?	<u>6</u>
8 A toffee costs 4p. How many toffees can you buy with 32p?	<u>8</u>
9 A 24cm ribbon is cut into 4 equal lengths. How long is each?	<u>6cm</u>
10 How much does it cost to buy seven 3p sweets?	<u>21p</u>

A	Answer
1 	_____ 9
2  B is four times as heavy as A. How heavy is B?	_____ 32g
3 The total weight is 36g. How heavy is each weight? They are all the same.	_____ 6g
	
4  $\div 3 =$	_____ 4p
5  $\times 8 =$	_____ 32
6  $\times 7$	_____ 56
7 How many petals?	_____ 21
	
8  $\times 7 =$	_____ 28
9  $\div 8 =$	_____ 3
10  Spiders have 8 legs. How many legs do 9 spiders have?	_____ 72






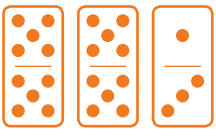
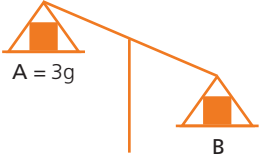



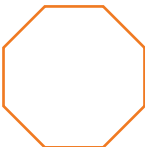
B	Answer
1 $12\text{ml} \div 4 =$	_____ 3ml
2 $\frac{1}{3}$ of 15p is	_____ 5p
3 $72 \div 8 =$	_____ 9
4 36, 32, 28, 24, 	_____ 20
5 $9 + 9 + 9 + 9 =$	_____ 36
6 $\frac{1}{5}$ of £25 is	_____ £5
7 $16\text{cm} \div 4 =$	_____ 4cm
8 $9 + 9 + 9 =$	_____ 27
9 $\frac{1}{10}$ of 90 is	_____ 9
10 18, 21, 24,  , 30	_____ 27

C	Answer
1 Divide 27 by 9.	_____ 3
2 What is £32 shared between 8?	_____ £4
3  groups of 5 are 45. What is the missing number?	_____ 9
4 20 divided by 4 is	_____ 5
5 An orange costs 7p. How much for 3 oranges?	_____ 21p
6 How many 8p sweets can be bought with 64p?	_____ 8
7 How much more than 20 is 8 times 3?	_____ 4
8 Share £21 equally between 3 people.	_____ £7
9 A number is divided by 4 and the answer is 1. What is the number?	_____ 4
10 One-fifth of 40kg is	_____ 8kg

A	Answer
1  $\times 8 =$ _____	24
2  $=$ _____	15
3  \times  $= 24$ _____	4
4  $\div 10 =$ _____	5p
5  shared between 6 people. How many each? _____	5
6  $\div 4 =$ _____	5
7 How heavy? _____	21g
	
8 What is one-third of  ? _____	6
9  How much flour is one-quarter of this? _____	8g
10  You have 56p. How many 8p lollipops can you buy? _____	7

B	Answer
1 $9 \times 4\text{ml} =$ _____	36ml
2 $27 \div 3 =$ _____	9
3 $\frac{1}{5}$ of 35g is _____	7g
4 $64 \div 8 =$ _____	8
5 $\frac{1}{4}$ of £20 is _____	£5
6 $35\text{p} \div 7 =$ _____	5p
7 18, 21, 24, 27, _____	30
8 $12 - 4 - 4 - 4 =$ _____	0
9 $4 \times 8 =$ _____	32
10 $3\text{kg} \div 3 =$ _____	1kg

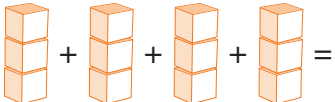
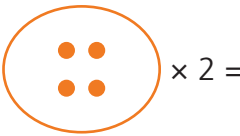


C	Answer
1 What are eight tens? _____	80
2 What is four times four? _____	16
3 One-tenth of 100 is _____	10
4 18g shared between 3 is _____	6g
5 How many eights in 24? _____	3
6 What is 48 divided by 8? _____	6
7 Eight pens fill a box. How many boxes can be filled with 32 pens? _____	4
8 Kim buys nine 4p chews and pays with two 20p coins. How much change does she get? _____	4p
9 What is one-third of 12? _____	4
10 A 21cm ribbon is cut into 3 equal lengths. How long is each? _____	7cm

A	Answer
1   $\div 3 =$ _____	5p
2  How many of these make 24? _____	8
3 The total weight is 28g. How heavy is each weight? They are all the same. _____	7g
	
4  $\times 4 =$ _____	16
5  $\div 8 =$ _____	3
6  B is nine times as heavy as A. How heavy is B? _____	27g
7  $\times 9 =$ _____	36
8 Find one-quarter of  _____	5p
9  $\times 4$ _____	32
10  Octagons have 8 sides. How many sides have 8 octagons? _____	64

B	Answer
1 $\frac{1}{3}$ of 18ml is _____	6ml
2 $3 \div 3 =$ _____	1
3 50, 45, 40, _____	35
4 $8 \times 5 =$ _____	40
5 $\frac{1}{4}$ of 24 is _____	6
6 $12\text{cm} \div 3 =$ _____	4cm
7 $10 \times 10 =$ _____	100
8 $5\text{p} \times 8 =$ _____	40p
9 _____, 27, 24, 21, 18	30
10 $12 \div 4 =$ _____	3

C	Answer
1 Divide 40 by 4. _____	10
2 How many threes in nine? _____	3
3 How many 5p coins are equal to 45p? _____	9
4 What is 6 groups of 3? _____	18
5 Some weights are 9g each. How heavy are 3 of these weights altogether? _____	27g
6 What is one-tenth of 60? _____	6
7 A ribbon is 28cm long. It is cut into 7 equal pieces. How long is each piece? _____	4cm
8 What is 72 divided by 8? _____	9
9 Four cookies fill a box. How many boxes can be filled with 20 cookies? _____	5
10 Ana buys six 3p chews and pays with a 20p coin. How much change does she get? _____	2p

Write the numbers 1 to 20 down the side of a sheet of paper.
Write alongside these numbers the **answers only** to the following questions.
Work as quickly as you can. Time allowed – **10 minutes**.

- 1  _____ **12**
- 2  _____ **8**
- 3 4, 8, 12, 16  _____ **20**
- 4 3 + 3 + 3 + 3 + 3 + 3 = _____ **18**
- 5 4 x 4 = _____ **16**
- 6  _____ **24**
- 7 Divide £21 between 3 people. _____ **£7**
- 8 What is 8 divided by 4? _____ **2**
- 9 $\frac{1}{5}$ of 35m is _____ **7m**
- 10 36 ÷ 4 = _____ **9**
- 11 One-tenth of 100 is _____ **10**
- 12 What is 9 times 3? _____ **27**
- 13 Multiply 8 by 8. _____ **64**
- 14 A parcel weighs 8kg. How heavy are 3 parcels of the same weight? _____ **24kg**
- 15 Eight sweets cost 48p. How much does one sweet cost? _____ **6p**
- 16 What is one-third of 15? _____ **5**
- 17 Divide 27ml by 3. _____ **9ml**
- 18 What is 72 divided by 8? _____ **9**
- 19 There are 32 sweets. How many groups of 4? _____ **8**
- 20 A ribbon is 24cm long. It is cut into 4 equal pieces. How long is each piece? _____ **6cm**


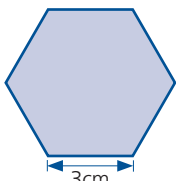
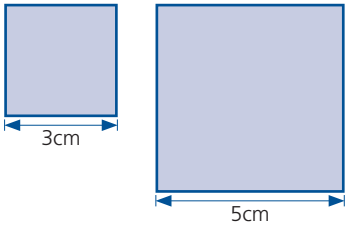
Times Tables Tests 2

Answers




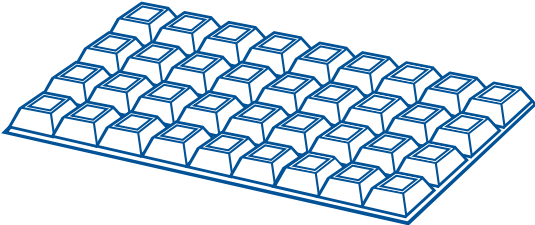
A	Answer
1 $5p + 5p + 5p + 5p =$	<u>20p</u>
2 $3 \times 10 =$	<u>30</u>
3 Double 7 is	<u>14</u>
4 $3 + 3 + 3 + 3 + 3 =$	<u>15</u>
5 $2 \times 9\text{kg}$	<u>18kg</u>
6 $50 \div 5 =$	<u>10</u>
7 Half of 16cm is	<u>8cm</u>
8 $4 \times \blacksquare = 12$	<u>3</u>
9 $120 \div 10 =$	<u>12</u>
10 5 twos = \blacksquare fives	<u>2</u>

B	Answer
1 Multiply 5 by 5.	<u>25</u>
2 How many 10p coins are worth 90p?	<u>9</u>
3 Seven times the value of a coin is 35p. What is the value of the coin?	<u>5p</u>
4 How many millimetres are there in 4cm?	<u>40mm</u>
5 Divide 12 by 2.	<u>6</u>
6 What are nine groups of 4?	<u>36</u>
7 There are twenty-four quarters. How many whole ones is that?	<u>6</u>
8 How many threes are there in twenty-one?	<u>7</u>
9 Which number, other than 1, 2, 8 and 16, divides exactly into 16?	<u>4</u>
10 How much greater is (5×6) than (4×7) ?	<u>2</u>

C	Answer
1 Lucy bought these books. How much did they cost?	<u>£27</u>
	
2 Find the difference between $\frac{1}{5}$ of 10 and 5 times 10.	<u>48</u>
3 One-fifth of a number is 8. What is the number?	<u>40</u>
4 Five biscuits cost 45p. How much do three of the biscuits cost?	<u>27p</u>
5 Three sweets have a mass of 9g. How many sweets have a mass of 24g?	<u>8</u>
6  What is the perimeter of this regular hexagon?	<u>18cm</u>
7 Six oranges are cut into quarters. How many children can each have three of the pieces?	<u>8</u>
8 A jogger ran 3km every day for 7 days. How many kilometres is this in total?	<u>21km</u>
9 Find the difference between the perimeter of a square with sides of 3cm and the perimeter of a square with sides of 5cm.	<u>8cm</u>
	
10 A car uses a litre of petrol to travel 4km. How many litres will it use to travel 32km?	<u>8l</u>

A	Answer
1 $\blacksquare \times 4 = 24$	6
2 $7 + 7 + 7 =$	21
3 $4 \times 5 =$	20
4 Half of 14km is	7km
5 $40\text{cm} \div 5 =$	8cm
6 $\frac{1}{3}$ of 24kg is	8kg
7 Double 9 is	18
8 $2p + 2p + 2p + 2p + 2p + 2p =$	12p
9 $36 \div 4 =$	9
10 10 twos = \blacksquare fives	4

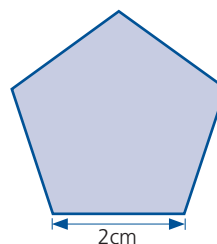
B	Answer
1 How many 5p coins are equal in value to 45p?	9
2 What is one-fifth of 30?	6
3 8 plus 8 plus 8 plus 8 is	32
4 How much greater is (2×10) than (3×4) ?	8
5 What is the product of 5 and 8?	40
6 Multiply (3×3) by 3.	27
7 How many fives are there in twenty-five?	5
8 3 times $\blacksquare = 18$	6
9 Share £28 equally between 4 boys. How much each?	£7
10 How many times smaller is 4 than 40?	10

C	Answer
1  Four cards cost £12. How much will 5 cards cost?	£15
2 Write the missing number. $4 \times \blacksquare = 2 \times 8$	4
3 What is zero multiplied by 7?	0
4 A bar of chocolate has 36 chunks. Saba eats $\frac{1}{4}$ of the bar. How many chunks does she eat?	9
5 	
5 Jack saves £10 a week. How long will it take him to save £90?	9 weeks
6 A square has sides of 10cm. What is its perimeter?	40cm
7 Divide 72 by 8 and add 1.	10
8 Ron gave 3 friends 9 sweets each and he had 5 sweets left. How many did he have to start with?	32
9 A phone-call costs 5p per minute. How many minutes is a call costing 40p?	8 min
10 How many pizzas can be bought for £45 if a box of 4 pizzas costs £5?	36

A	Answer
1 $10p + 10p + 10p + 10p =$	<u>40p</u>
2 $7 \times 0 =$	<u>0</u>
3 $3 \times 9 = 9 + 9 + \blacksquare$	<u>9</u>
4 $4 + 4 + 4 + 4 + 4 =$	<u>20</u>
5 $6m \times 2 = 4m + 4m + \blacksquare$	<u>4m</u>
6 $21 \div 3 =$	<u>7</u>
7 Half of 18cm is	<u>9cm</u>
8 $4 \times \blacksquare = 28$	<u>7</u>
9 $\blacksquare - 5 - 5 - 5 = 0$	<u>15</u>
10 $\frac{1}{5}$ of 30kg is	<u>6kg</u>

B	Answer
1 How many millimetres are there in 9cm?	<u>90mm</u>
2 Divide 18 by 3.	<u>6</u>
3 What are eight groups of 4?	<u>32</u>
4 9kg plus 9kg plus 9kg is	<u>27kg</u>
5 How much greater is (5×5) than (1×10) ?	<u>15</u>
6 What is the product of 6 and 4?	<u>24</u>
7 Multiply (2×4) by 3.	<u>24</u>
8 3 times 3 times 3 is	<u>27</u>
9 Find the difference between $\frac{1}{4}$ of 16 and $\frac{1}{2}$ of 20.	<u>6</u>
10 How many times larger is 45km than 5km?	<u>9</u>

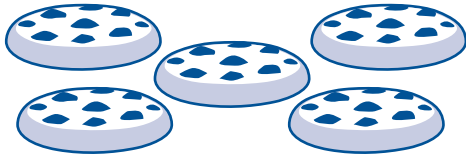
C	Answer
1 Jim has a five-pound note. Pete has twice as much. Find the total of their money.	<u>£15</u>
2 \bullet stands for a missing sign, +, -, \times or \div . $8 \times 0 = 4 \bullet 4$ What is the correct sign?	<u>-</u>
3 How many 5-litre cans can be filled from 40 litres of oil?	<u>8</u>
4 Divide the total of 29 and 6 by 5.	<u>7</u>
5 Find one-quarter of the product of 8 and 3.	<u>6</u>
6 What is the perimeter of this regular pentagon?	<u>10cm</u>



7 Megan has £8, Lauren has £7, Dan has £9 and Alice £12. If all their money is shared equally, how much will they each have?	<u>£9</u>
8 A hat costs £4. How much change from £30 would you get if you bought 7 hats?	<u>£2</u>
9 Find the difference between $\frac{1}{3}$ of 18 and 3 times 6.	<u>12</u>
10 What is zero divided by 3?	<u>0</u>

A	Answer
1 $6 \times 10 =$	<u>60</u>
2 Double 9 is	<u>18</u>
3 $5 \times \blacksquare = 25$	<u>5</u>
4 $2p + 2p + 2p + 2p + 2p =$	<u>10p</u>
5 $3 \overline{)24}$	<u>8</u>
6 $4 \times 7 \times 0 =$	<u>0</u>
7 $20\text{kg} \div 5 =$	<u>4kg</u>
8 One-quarter of 16cm is	<u>4cm</u>
9 10 twos = \blacksquare tens	<u>2</u>
10 $14 \div 2 =$	<u>7</u>

B	Answer
1 What is one-third of 21m?	<u>7m</u>
2 Share £25 between 5 people.	<u>£5</u>
3 How many threes are there in fifteen?	<u>5</u>
4 4 times $\blacksquare = 32$	<u>8</u>
5 How many 5p coins are worth 30p?	<u>6</u>
6 7 plus 7 plus 7 plus 7 plus 7 is	<u>35</u>
7 What is the product of 3 and 6?	<u>18</u>
8 How many times smaller is 4 than 32?	<u>8</u>
9 How much greater is (3×10) than (6×4) ?	<u>6</u>
10 Multiply (3×3) by 5.	<u>45</u>

C	Answer
1 Three consecutive numbers, when multiplied together, give 60. What are the numbers? <u>3</u> <u>4</u> <u>5</u>	
2 Five biscuits cost 40p. How much for 2 biscuits? <u>16p</u>	
	
3 Find the difference between $\frac{1}{4}$ of 20 and 4 times 20. <u>75</u>	
4 One-fifth of a number is 10. What is the number? <u>50</u>	
5 Four sweets have a mass of 12g. How many sweets have a mass of 27g? <u>9</u>	
6 Lee has nine 5p coins. Sam has one 50p coin. How much more has Sam than Lee? <u>5p</u>	
7 A truck uses a litre of petrol to travel 3km. How many litres will it use to travel 21 kilometres? <u>7l</u>	
8 Jo buys 4 kilograms of potatoes at £2 per kilogram. How much change from £10 does she get? <u>£2</u>	
9 The mass of a parcel is 8kg. How many times heavier is this parcel than a package weighing $\frac{1}{4}$ kg? <u>32</u>	
10 Three oranges are cut into quarters. How many children can each have two of the pieces? <u>6</u>	

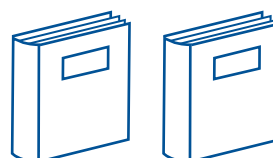
A	Answer
1 $£4 + £4 + £4 + £4 =$	<u>£16</u>
2 $3 \times 6 = 9 \times \blacksquare$	<u>2</u>
3 $8 + 8 + 8 =$	<u>24</u>
4 $7 \times \blacksquare = 7$	<u>1</u>
5 $0 \times 9 =$	<u>0</u>
6 $28 \div 4 =$	<u>7</u>
7 Double 6cm is	<u>12cm</u>
8 $4 \times \blacksquare = 24$	<u>6</u>
9 $45 - 5 - 5 = \blacksquare \times 5$	<u>7</u>
10 $\frac{1}{10}$ of 70kg is	<u>7kg</u>

B	Answer
1 Twice 8 = 4 times \blacksquare	<u>4</u>
2 How many 5p coins are worth 40p?	<u>8</u>
3 Nine times the value of a coin is 45p. What is the value of the coin?	<u>5p</u>
4 How many millimetres are there in 8cm?	<u>80mm</u>
5 Divide 25 by 5.	<u>5</u>
6 What is the product of 8 and 4?	<u>32</u>
7 There are thirty-six quarters. How many whole ones is that?	<u>9</u>
8 How many threes are there in twenty-seven?	<u>9</u>
9 Which number, other than 1, 7 and 21, divides exactly into 21?	<u>3</u>
10 How much greater is (4×5) than (3×4) ?	<u>8</u>

C	Answer
1 A square has sides of 3cm. What is its perimeter?	<u>12cm</u>
2 How much greater than 50 is the answer to 8×8 ?	<u>14</u>
3 A packet contains 32 cookies. Ben eats $\frac{1}{4}$ of the packet. How many cookies does he eat?	<u>8</u>
4 Ali saves £10 a month. How long will it take him to save enough to buy 6 mugs each costing £5?	<u>3 mth</u>



5 It takes an author 1 hour to write 4 pages. How long will it take her to write 24 pages?	<u>6 hr</u>
6 Write the missing number. $4 \times \blacksquare = 5 \times 8$	<u>10</u>
7 Tom gave 4 friends 10 stickers each and he had 3 stickers left. How many did he have to start with?	<u>43</u>
8 How many apple pies can be bought for £15 if a packet of 4 pies costs £3?	<u>20</u>
9 Two books cost £14. How much will 5 books cost?	<u>£35</u>

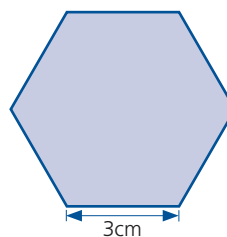


10 Thirty-six litres of oil fill 4 identical cans. How much does each can hold?	<u>9l</u>
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A	Answer
1 $\frac{1}{5}$ of 20kg is	4kg
2 $£3.00 + £3.00 + £3.00 =$	£9
3 $3 \times \square = 21$	7
4 $6 \times 4 = 3 \times \square$	8
5 $36 \div 6 =$	6
6 $1 \times 1 =$	1
7 $(2 \times 2) \times (2 \times 2) =$	16
8 $7 \times 4 =$	28
9 $\frac{1}{2}$ of 18mm is	9mm
10 $\square \div 5 = 0$	0

B	Answer
1 What is the product of 3 and 4?	12
2 How many groups of 3 are there in 18?	6
3 3 times 3 times 5 is	45
4 What is the total mass of 5 sets of 5kg?	25kg
5 What must 4m be multiplied by to give 32m?	8
6 How many times larger is 16km than 4km?	4
7 How much greater is (5×9) than (3×5) ?	30
8 Multiply (2×3) by 5.	30
9 Divide £40 by 5.	£8
10 What is 7 lots of 10 subtract 4 lots of 5?	50

C	Answer
1 This line is 5cm long. Another is 7 times longer. What is its length?	35cm
2 Forty-five chairs are arranged in rows of 5. How many rows?	9
3 ● stands for a missing sign, +, -, \times or \div . $7 \times 10 = (7 \times 5) \bullet 2$ What is the correct sign?	\times
4 What number, when multiplied by 4, will give a product of 40?	10
5 Divide the total of 9 and 7 by 4.	4
6 What is the perimeter of this hexagon?	18cm

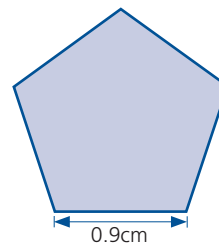


7 Find the difference between 4×9 and 5×7 .	1
8 Ella has £6, Katie has £8, Dean has £12 and David £10. If all their money is shared equally, how much will they each have?	£9
9 A t-shirt costs £4 and a pair of shorts costs £6. How much will it cost in total to buy 5 t-shirts and 3 pairs of shorts?	£38
10 What is the perimeter of an equilateral triangle with sides of 6cm?	18cm

A	Answer
1 $£6 + £6 + £6 + £6 =$	<u>£24</u>
2 $7 \times 7 =$	<u>49</u>
3 Three eights are	<u>24</u>
4 $9 + 9 + 9 + 9 + 9 + 9 =$	<u>54</u>
5 $\blacksquare \div 9 = 9$	<u>81</u>
6 $32 \div 4 =$	<u>8</u>
7 $\frac{1}{8}$ of 16cm is	<u>2cm</u>
8 $7 \times \blacksquare = 14$	<u>2</u>
9 $28\text{kg} \div 4$	<u>7kg</u>
10 $(4 \times 2) \times (3 \times 2) =$	<u>48</u>

B	Answer
1 Share £36 equally among 6 boys. How much each?	<u>£6</u>
2 Find the remainder when 29 is divided by 3.	<u>2</u>
3 What must 5m be multiplied by to give 45m?	<u>9</u>
4 How many millimetres are there in 10cm?	<u>100mm</u>
5 Divide 72 by 9.	<u>8</u>
6 What is the product of 6 and 3?	<u>18</u>
7 How many times smaller is 4 than 36?	<u>9</u>
8 What are eight groups of 5?	<u>40</u>
9 7kg multiplied by 9 is	<u>63kg</u>
10 $\frac{1}{8}$ of 32 is	<u>4</u>

C	Answer
1 Radu earns £6 every day doing a paper round. How much does he earn in one week?	<u>£42</u>
2 What is the difference between $\frac{1}{7}$ of 21 and $\frac{1}{7}$ of 35?	<u>2</u>
3 Six identical terraced houses are in a row. The row is 24m wide. What is the width of each house?	<u>4m</u>
4 A jogger travelled at the speed of 8 kilometres per hour for 15 minutes. How far did she run?	<u>2km</u>
5 What is the perimeter of this regular pentagon?	<u>4.5cm</u>

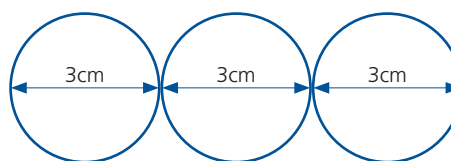


6 Nine biscuits cost 18p. How much do five of the biscuits cost?	<u>10p</u>
7 Eight sweets have a mass of 56g. How many sweets have a mass of 70g?	<u>10</u>
8 Nine apples are cut into quarters. Six children share the pieces. How many do they each get?	<u>6</u>
9 A car uses a litre of petrol to travel 8km. How many litres will it use to travel 56 kilometres?	<u>7l</u>
10 One-eighth of a number is 10. What is the number?	<u>80</u>

A	Answer
1 $8 \times 8 =$	64
2 $\square \div 8 = 0$	0
3 $\frac{1}{9}$ of £72 is	£8
4 $36 \div 9 = 32 \div \square$	8
5 $6 \times 9\text{km} =$	54km
6 $(8 \times 3) \div 4 =$	6
7 One-third of 18cm is	6cm
8 $7 \times \square = 56$	8
9 $\square - 9 - 9 - 9 = 0$	27
10 $2 \times 3 \times 4 =$	24

B	Answer
1 How many 5p coins are equal in value to 40p?	8
2 What is one-sixth of 54?	9
3 What is 6 times 5, divided by 10?	3
4 How much greater is (5×5) than (4×4) ?	9
5 What is the product of 0 and 9?	0
6 Multiply (2×3) by 7.	42
7 Twice 6 = 4 times \square	3
8 Divide 48 by 8.	6
9 There are thirty-two quarters. How many whole ones is that?	8
10 What is the remainder when 50 is divided by 7?	1

C	Answer
1 A petrol tank, which holds 24 litres, is one-quarter full. How many more litres will it take to fill it?	18l
2 Claire gave 4 friends 7 sweets each and she had 5 sweets left. How many did she have to start with?	33
3 Three biscuits cost 27p. How much do seven of the biscuits cost?	63p
4 A square has sides of 9cm. What is the area of the square?	81cm ²
5 Six of these circular discs are placed side by side touching in a line. What is their total length?	18cm

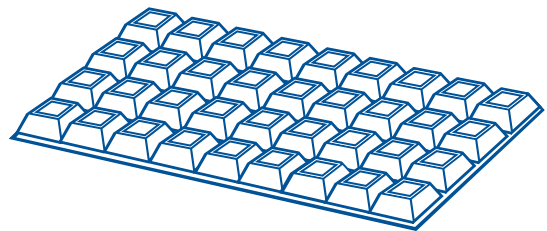


6 Which of these numbers can be divided by both 6 and 7 without a remainder?	12 14 18 21 24 35 42	42
7 A car uses a litre of petrol to travel 8km. How many litres will it use to travel 64 kilometres?		8l
8 Find the difference between $\frac{1}{8}$ of 56 and $\frac{1}{8}$ of 24.		4
9 Harry has a ten-pound note. William has five times as much as that. Find the total of their money.		£60
10 ● stands for a missing sign, +, -, \times or \div . $0 \times 4 = 8 \bullet 8$ What is the correct sign?		-

A	Answer
1 $6 \overline{)48}$	8
2 $3 \times 7 =$	21
3 9 fives are	45
4 $4 \times \square = \text{£}32$	£8
5 $9 \times 6 \times 2 \times 0 =$	0
6 $7p + 7p + 7p + 7p + 7p + 7p =$	42p
7 $72\text{kg} \div 8 =$	9kg
8 One-quarter of 24cm is	6cm
9 $14 \div 2 =$	7
10 $30 \div 7 = \square \text{ r } \square$	4 r 2

B	Answer
1 6 plus 6 plus 6 plus 6 is	24
2 What is the product of 6 and 6?	36
3 What is one-ninth of 36m?	4m
4 Share £40 equally between 8 people.	£5
5 How many eights are there in twenty-four?	3
6 9 times $\square = 36$	4
7 How many times heavier is 54kg than 6kg?	9
8 How much smaller is (8×10) than (9×9) ?	1
9 Multiply (2×4) by 7.	56
10 What number is equal to $(9 \times 7) + 7$?	70

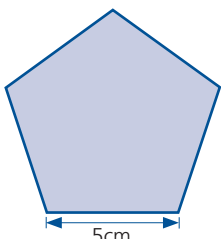
C	Answer
1 Three notebooks cost £4.50. What will be the cost of 9 notebooks?	£13.50
2 One-eighth of a number is 8. What is the number?	64
3 Write the missing number. $4 \times \square = 5 \times 8$	10
4 What is the smallest number that can be divided by both 7 and 8 without a remainder?	56
5 A bar of chocolate has 36 chunks. Josh eats $\frac{1}{6}$ of the bar. How many chunks does he eat?	6



6 What is the perimeter of an equilateral triangle with sides of 7cm?	21cm
7 A cyclist travels at 16km per hour. How far does he cycle in 15 minutes?	4km
8 Urvi has £8, Fred has £7 and Dev has £12. If all their money is shared equally, how much will they each have?	£9
9 Nine kg cost 45p. Find the price per kg.	5p
10 A square mosaic tile has an area of 7cm^2 . Seven tiles are used to make a shape, without gaps. What is the area of the shape?	49cm^2

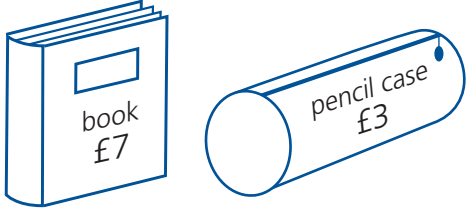
A	Answer
1 $38 \div 5 = \square \text{ r } \square$	<u>7 r 3</u>
2 How many days in 4 weeks?	<u>28</u>
3 $9 + 9 + 9 + 9 + 9 =$	<u>45</u>
4 $8 \times 6\text{kg} =$	<u>48kg</u>
5 $36 \div 4 =$	<u>9</u>
6 $7 \overline{)42}$	<u>6</u>
7 $4 \times \square = 16$	<u>4</u>
8 $8 \times 8 =$	<u>64</u>
9 $\frac{1}{8}$ of 24cm	<u>3cm</u>
10 $(7 \times 1) \times 3 =$	<u>21</u>

B	Answer
1 Multiply 6 by 9.	<u>54</u>
2 How many 10p coins are worth 70p?	<u>7</u>
3 Divide 30 by 6.	<u>5</u>
4 What are eight groups of 7?	<u>56</u>
5 There are twenty quarters. How many whole ones is that?	<u>5</u>
6 How many centimetres is 60mm?	<u>6cm</u>
7 Which number, other than 1, 2, 3, 9 and 18, divides exactly into 18?	<u>6</u>
8 How many sixes are there in twenty-four?	<u>4</u>
9 How much greater is (8×9) than (10×7) ?	<u>2</u>
10 What is one-third of 27kg?	<u>9kg</u>

C	Answer
1 ● stands for a missing sign, +, −, × or ÷. $0 \div 6 = 3 \bullet 3$ What is the correct sign?	—
2 How many 8-litre cans can be filled from 32 litres of oil?	4
3 Abdul has a five-pound note. Sara has 8 times as much as that. Find the total of their money.	£45
4 Divide the total of 43 and 6 by 7.	7
5 Which of these numbers will divide into 27 without a remainder? <div>6 5 4 3</div>	3
6 The perimeter of a square is 12cm. What is its area?	9cm ²
7 A shirt costs £6. How much change from £50 would you get if you bought 7 shirts?	£8
8 What is one-quarter of the product of 6 and 6?	9
9 What is the perimeter of this regular pentagon?	25cm
	
10 Find the difference between $\frac{1}{5}$ of 35 and 3 times 5.	8


A	Answer
1 $3 \times 7\text{kg} =$	<u>21kg</u>
2 $(7 \div 1) \times (6 \times 0) =$	<u>0</u>
3 $54 \div 6 =$	<u>9</u>
4 $6 \times \blacksquare = 24$	<u>4</u>
5 $(3 \times 2) \times \blacksquare = 48$	<u>8</u>
6 $\pounds 8 + \pounds 8 + \pounds 8 + \pounds 8 =$	<u>£32</u>
7 $64 \div 8 =$	<u>8</u>
8 $\frac{1}{9}$ of 63m is	<u>7m</u>
9 $\blacksquare \div 9 = 9$	<u>81</u>
10 $35 - 5 - 5 - 5 = \blacksquare \times 5$	<u>4</u>

B	Answer
1 What is one-sixth of 30km?	<u>5km</u>
2 Share £49 equally between 7 people.	<u>£7</u>
3 How many sevens are there in fifty-six?	<u>8</u>
4 What number is equal to 4 times 9?	<u>36</u>
5 What is the product of 7 and 6?	<u>42</u>
6 How many times smaller is 8 than 72?	<u>9</u>
7 How much greater is (4×10) than (6×6) ?	<u>4</u>
8 Multiply (2×3) by 9.	<u>54</u>
9 Share £28 between 7 boys. How much each?	<u>£4</u>
10 How many quarters in 5?	<u>20</u>

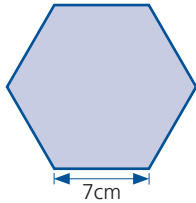
C	Answer
1 When 48 is divided by a number the answer is 6. What is the number?	<u>8</u>
2 What is the total cost of 4 books and 3 pencil cases?	<u>£37</u>
	
3 Elena gave 3 friends 8 sweets each and she had 7 sweets left. How many did she have to start with?	<u>31</u>
4 One-seventh of a number is 5. What is the number?	<u>35</u>
5 £18 is shared between Mo and Sash. Mo gets 5 times as much as Sash. How much does Mo get?	<u>£15</u>
6 Eight sweets have a mass of 56g. How many sweets have a mass of 21g?	<u>3</u>
7 A car uses a litre of petrol to travel 9km. How many litres will it use to travel 72 kilometres?	<u>8l</u>
8 A car travelled at the speed of 36km/h for 15 minutes. How many kilometres did it travel?	<u>9km</u>
9 This line is 4cm long. Another is 8 times longer. What is its length?	<u>32cm</u>
10 What is the difference between the number of days in 9 weeks and the number of minutes in one hour?	<u>3</u>

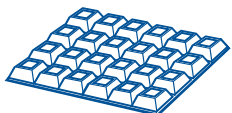
A	Answer
1 $\frac{1}{6}$ of 42kg is	7kg
2 $1 \times 1 \times 1 \times 1 =$	1
3 $9 \times \blacksquare = 54$	6
4 $\text{£}9.00 + \text{£}9.00 + \text{£}9.00 =$	£27
5 $6 \div 6 = 3 \div \blacksquare$	3
6 $49 \div 6 = \blacksquare \text{ r } \blacksquare$	8 r 1
7 $6 \times 9 \times 4 \times 0 =$	0
8 $(3 \times 3) \times 7 =$	63
9 $\frac{1}{8}$ of 64mm is	8mm
10 $\blacksquare \div 10 = 5$	50

B	Answer
1 Twice 9 = 3 times \blacksquare	6
2 Five times the value of a coin is 25p. What is the value of the coin?	5p
3 How many times less than 72 is 9?	8
4 Divide 32 by 4.	8
5 What is the product of 8 and 7?	56
6 Share the amount of money equal to nine 5p coins equally between 5 girls. How much each?	9p
7 There are thirty-six quarters. How many whole ones is that?	9
8 Which number, other than 1, 2, 8 and 16, divides exactly into 16?	4
9 By how much is $\frac{1}{7}$ of 49 greater than $\frac{1}{4}$ of 12?	4
10 How many times heavier is 42kg than 7kg?	6

C	Answer
1 Thirty-six chairs are arranged in rows of 6. How many rows?	6
2 \bullet stands for a missing sign, +, -, \times or \div . $7 \times 4 = (6 \times 5) \bullet 2$ What is the correct sign?	-
3 A t-shirt costs £3 and a pair of shorts costs £7. How much will it cost in total to buy 4 t-shirts and 3 pairs of shorts?	£33
4 What number, when multiplied by 5, will give a product of 40?	8
5 Divide the total of 18 and 6 by 4.	6
6 Matt has £20, Kieran has £5, Flynn has £10 and Mia has £1. If all their money is shared equally, how much will they each have?	£9
7 What is the area of this rectangle?	28cm ²
	
8 Which of these numbers will divide into 81 without a remainder? <div style="border: 1px solid black; padding: 2px; display: inline-block;">6 7 8 9</div>	9
9 What is the perimeter of a regular hexagon with sides of 5cm?	30cm
10 One-seventh of a number is 8. What is the number?	56

Write the numbers 1 to 20 down the side of a sheet of paper.
Write alongside these numbers the **answers only** to the following questions.
Work as quickly as you can. Time allowed – **10 minutes**.

- 1 $4 \times 6 =$ 24
 - 2 Share £40 equally between 8 people. £5
 - 3 What is the product of 3 and 7? 21
 - 4 What is one-fifth of 30km? 6km
 - 5 $54 \div 6 =$ 9
 - 6 When 32 is divided by a number the answer is 4.
What is the number? 8
 - 7 There are twenty-eight quarters. How many whole ones is that? 7
 - 8 Which of these numbers can be divided by both 6 and 8 without a remainder?
18 30 36 42 48 56 48
 - 9 The mass of a parcel is 4kg. How many times heavier is this parcel
than a package weighing $\frac{1}{4}$ kg? 16
 - 10 This line is 5cm long. Another is 9 times longer.
What is its length? 45cm
 - 11 How many 7-litre cans can be filled from 35 litres of oil? 5
 - 12 What is the remainder when 50 is divided by 7? 1
 - 13 What is the perimeter of this regular hexagon? 42cm
- 

A regular hexagon is shown with a double-headed arrow below one of its sides, indicating a length of 7cm.
- 14 What is the smallest number that can be divided by both 4 and 9
without a remainder? 36
 - 15 Three biscuits cost 27p. How much do eight of the biscuits cost? 72p
 - 16 A car uses a litre of petrol to travel 9km. How many litres will it use
to travel 63 kilometres? 7l
 - 17 A t-shirt costs £6 and a pair of shorts costs £7. How much will it cost
in total to buy 6 t-shirts and 2 pairs of shorts? £50
 - 18 The perimeter of a square is 36cm. What is its area? 81cm²
 - 19 A bar of chocolate has 24 chunks. Omid eats $\frac{1}{3}$ of the bar.
How many chunks does he eat? 8
- 

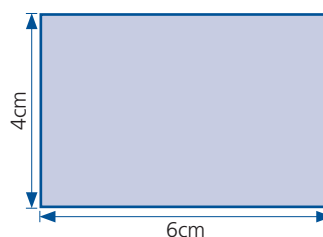
A bar of chocolate is shown, divided into a 4x6 grid of 24 small squares.
- 20 Subtract the number of days in 8 weeks from 100. 44

A	Answer
1 $30 \times 8 =$	<u>240</u>
2 6 squared is	<u>36</u>
3 $40 + 40 + 40 + 40 =$	<u>160</u>
4 $\frac{2}{3}$ of 9kg is	<u>6kg</u>
5 $630 \div 9 =$	<u>70</u>
6 One-quarter of 32cm is	<u>8cm</u>
7 $6 \times \square = 30$	<u>5</u>
8 $52 \div 10 = \square \text{ r } \square$	<u>5 r 2</u>
9 $7 \times 11 =$	<u>77</u>
10 4 tens = \square fives	<u>8</u>

B	Answer
1 What is 9 squared?	<u>81</u>
2 There are twenty-one thirds. How many whole ones is that?	<u>7</u>
3 Find three-quarters of 36.	<u>27</u>
4 How many millimetres are there in 30cm?	<u>300mm</u>
5 Divide 280 by 4.	<u>70</u>
6 What are seven groups of 6?	<u>42</u>
7 How many eights are there in forty-eight?	<u>6</u>
8 What is the remainder when 57 is divided by 6?	<u>3</u>
9 How much smaller is (5×7) than (4×9) ?	<u>1</u>
10 Share £720 between 9 boys. How much each?	<u>£80</u>

C	Answer
1 How many weeks is equal to 49 days?	<u>7</u>
2 What is the difference between $\frac{1}{3}$ of 9 and 3 times 9?	<u>24</u>
3 One-eighth of a number is 8. What is the number?	<u>64</u>
4 Six biscuits cost 18p. How much do four of the biscuits cost?	<u>12p</u>
5 A jogger travelled at the speed of 10 kilometres per hour for 6 minutes. How many kilometres did she travel?	<u>1km</u>

6 A 56cm plank of wood is cut into eight pieces of equal length. What is the length of one of these pieces?	<u>7cm</u>
7 Find one-quarter of the product of 5 and 8.	<u>10</u>
8 How many half oranges can be cut from seven whole oranges?	<u>14</u>
9 What is the area of this rectangle?	<u>24cm²</u>

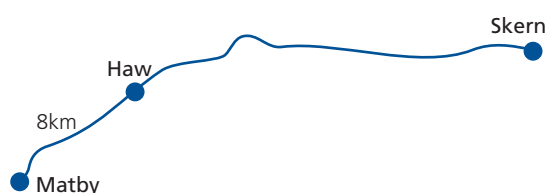


10 There are seven times as many adults as children on a bus. There are 3 children. How many people on the bus?	<u>24</u>
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A	Answer
1 $\frac{1}{4}$ of 360° is	<u>90°</u>
2 $\blacksquare \times 5 = 15$	<u>3</u>
3 $9 + 9 + 9 + 9 + 9 + 9 + 9 =$	<u>63</u>
4 $40 \times 60 =$	<u>2400</u>
5 One-fifth of 250km is	<u>50km</u>
6 $72\text{cm} \div 9 =$	<u>8cm</u>
7 Six sixes are	<u>36</u>
8 $4^2 =$	<u>16</u>
9 $56 \div \blacksquare = 2 \times 4$	<u>7</u>
10 $55 \div 6 = \blacksquare \text{ r } \blacksquare$	<u>9 r 1</u>

B	Answer
1 What is the remainder when 33 is divided by 8?	<u>1</u>
2 How many 5p coins are equal in value to 150p?	<u>30</u>
3 What is the product of 30 and 7?	<u>210</u>
4 7 plus 7 plus 7 plus 7 plus 7 plus 7 is	<u>42</u>
5 What is 60g multiplied by 8?	<u>480g</u>
6 How many sevens are there in thirty-five?	<u>5</u>
7 Multiply (30×30) by 30.	<u>27 000</u>
8 How much greater is 8 squared than 7 squared?	<u>15</u>
9 6 times $\blacksquare = 48$	<u>8</u>
10 Share £81 equally between 9 girls. How much each?	<u>£9</u>

C	Answer
1 Deepa is 4 times younger than her mother. Deepa is 7 years old. How old will her mother be in 2 years' time?	<u>30</u>
2 Write the missing number. $9 \times 9 = 10 \times 10 - \blacksquare$	<u>19</u>
3 What is the smallest number that can be divided by both 8 and 6 without a remainder?	<u>24</u>
4 Chris earns £5 a day. How many weeks will it take him to save £70?	<u>2</u>
5 The distance from Matby to Haw is one-third of the distance from Haw to Skern. How far is it from Matby to Skern via Haw?	<u>32km</u>

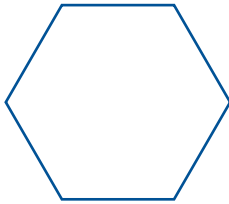


6 A rectangle is 9cm long and 5cm wide. What is its area?	<u>45cm²</u>
7 A map shows lengths 30 times smaller than in real life. How long, in real life, is a length that is 9cm on the map?	<u>270cm</u>
8 How long will it take to travel a distance of 180km travelling at 60km/h?	<u>3 hr</u>
9 How many stickers can be bought for 63p if a box of 4 stickers costs 7p?	<u>36</u>
10 Find one-ninth of the product of 6 and 30.	<u>20</u>

A	Answer
1 $61 \div 9 = \square \text{ r } \square$	<u>6 r 7</u>
2 $(8 \times 40) + (6 \times 10) =$	<u>380</u>
3 $50\text{p} \times 7 = \text{£} \square$	<u>£3.50</u>
4 $600\text{ml} \times 5 =$	<u>3000ml</u>
5 $\frac{1}{6}$ of 360° is	<u>60°</u>
6 $64 \div 8 = 70 - \square$	<u>62</u>
7 $4 \times \square = 44$	<u>11</u>
8 $\square - 7 - 7 - 7 = 0$	<u>21</u>
9 480 minutes = \square hours	<u>8</u>
10 $\frac{2}{7}$ of 49kg is	<u>14kg</u>

B	Answer
1 How many minutes in 4 hours?	<u>240</u>
2 Divide 18 by 3 and then multiply by 9.	<u>54</u>
3 Multiply the sum of 6 and 2 by 4.	<u>32</u>
4 8kg plus 8kg plus 8kg is	<u>24kg</u>
5 How much greater is (6×7) than (4×9) ?	<u>6</u>
6 What is the product of 9 and 9?	<u>81</u>
7 Find the square of (3×2) .	<u>36</u>
8 20 times 3 times 10 is	<u>600</u>
9 How much greater is 4 squared than 3 squared?	<u>7</u>
10 How many times larger is 63km than 7km?	<u>9</u>

C	Answer
1 Paul has 80p. Meg has nine times as much as that. Find the total of their money.	<u>£8</u>
2 Forty-five pencils were put into packets of 5. How many packets were there altogether?	<u>9</u>
3 \bullet stands for a missing sign, +, -, \times or \div . $30 \times 40 = 120 \bullet 10$ What is the correct sign?	<u>\times</u>
4 How many 500-millilitre cups can be filled from 9 litres of water?	<u>18</u>
5 Find the square of 7 and add 7. Then divide the total by 8.	<u>7</u>

6	 <p>The perimeter of this regular hexagon is 240mm. What is the length of one of its sides?</p>	<u>40mm</u>
7	A badge costs £4. How much change from £30 would you get if you bought 7 badges?	<u>£2</u>
8	Eight parcels each have a mass of 900g. How much less than $7\frac{1}{2}$ kg is their total mass?	<u>300g</u>
9	Find the difference between $\frac{3}{4}$ of 16 and $\frac{2}{5}$ of 20.	<u>4</u>
10	Which of these numbers is a multiple of 70? 45 620 49 420 100	<u>420</u>

A	Answer
1 $7 \overline{)56}$	<u>8</u>
2 $400\text{g} \times 8 =$	<u>3200g</u>
3 5 squared is	<u>25</u>
4 300 minutes = \square hours	<u>5</u>
5 $40 \div 9 = \square \text{ r } \square$	<u>4 r 4</u>
6 $\square \div 7 = 7$	<u>49</u>
7 $40 \times 50 \times 0 \times 20 =$	<u>0</u>
8 $55 \div 11 =$	<u>5</u>
9 $\frac{3}{10}$ of 90cm is	<u>27cm</u>
10 $\pounds 1.50 \div 3 = \square \text{p}$	<u>50p</u>

B	Answer
1 What is one-third of 27m?	<u>9m</u>
2 What will be the cost of 7 pencils at 60p each?	<u>£4.20</u>
3 What is the product of 60 and 9?	<u>540</u>
4 How many minutes in 6 hours?	<u>360</u>
5 How many threes are there in fifteen?	<u>5</u>
6 4 times $\square = 48$	<u>12</u>
7 Divide 65 by 9.	<u>7 r 2</u>
8 What is $\frac{3}{8}$ of 32?	<u>12</u>
9 How much greater is 10 squared than 9 squared?	<u>19</u>
10 Multiply (40×2) by 30.	<u>2400</u>

C	Answer
1 Three consecutive numbers, when multiplied together, give 210. What are the numbers? <u>5</u> <u>6</u> <u>7</u>	
2 A strip half a metre long is cut into 7-centimetre lengths. How many centimetres remain? <u>1cm</u>	
3 Find the cost of 5 badges if 6 badges cost 42p. <u>35p</u>	
4 Six pieces of wire each measure 8cm. Find the total length of the pieces in millimetres. <u>480mm</u>	
5 In a game Hannah scored 40 times more points than Amy. Hannah scored 800 points. How many did Amy score? <u>20</u>	
6 Nine sweets have a mass of 72g. How many sweets have a mass of 40g? <u>5</u>	
7 A van uses a litre of petrol to travel 7km. How many litres will it use to travel 280 kilometres? <u>40l</u>	
8 Leah buys 4 kilograms of onions at 70p per kilogram. How much change does she get from £5? <u>£2.20</u>	
9 The mass of a parcel is 8kg. How many times heavier is this parcel than a package weighing $\frac{1}{4}$ kg? <u>32</u>	
10 Some tiles are 7cm wide. How many tiles can be placed side by side on this strip? <u>40</u>	

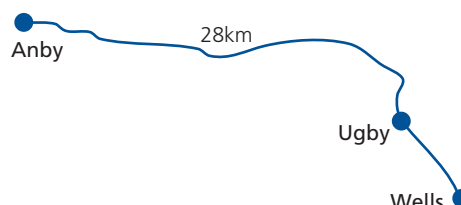


A	Answer
1 $3^2 + 1 =$	<u>10</u>
2 $80 \times 5 = 4 \times \blacksquare$	<u>100</u>
3 $90^\circ + 90^\circ + 90^\circ =$	<u>270^\circ</u>
4 $\blacksquare \div 5 = 5$	<u>25</u>
5 $(7 \times 30) + (4 \times 50) =$	<u>410</u>
6 $320 \div 40 =$	<u>8</u>
7 $\frac{4}{5}$ of 45kg is	<u>36kg</u>
8 180 minutes = \blacksquare hours	<u>3</u>
9 $60 \div 8 = \blacksquare \text{ r } \blacksquare$	<u>7 r 4</u>
10 $49 - 7 - 7 = \blacksquare \times 5$	<u>7</u>

B	Answer
1 How many days in 7 weeks?	<u>49</u>
2 What is four squared divided by 2?	<u>8</u>
3 What is seven-eighths of 16m?	<u>14m</u>
4 Apples cost 9p each. How much will 7 cost?	<u>63p</u>
5 How many times longer is 48km than 8km?	<u>6</u>
6 What is the product of 9 and 12?	<u>108</u>
7 How many whole ones are equal to 42 sixths?	<u>7</u>
8 How many sixes are there in thirty?	<u>5</u>
9 Multiply 2 squared by 3.	<u>12</u>
10 How much greater is (4×5) than (3×4) ?	<u>8</u>

C	Answer
1 A square has sides of 10cm. What is its area?	<u>100cm²</u>
2 Three 60° angles are joined together to make one angle. How large is it?	<u>180°</u>
3 Three in every 5 sweets in a bag are orange. Twenty-one sweets are orange. How many sweets are there altogether in the bag?	<u>35</u>
4 An author writes 4 pages in 3 hours. At this rate how long will it take him to write 24 pages?	<u>18 hr</u>
5 Subtract the product of six and six from the product of ten and ten.	<u>64</u>

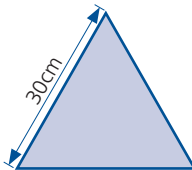
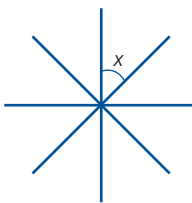
6 Write the missing number. $9 \times \blacksquare = 60 + 12$	<u>8</u>
7 How many pencils can be bought for £8.10 if a packet of 8 pencils costs 90p?	<u>72</u>
8 To $\frac{2}{3}$ of 24p, add $\frac{4}{5}$ of 30p.	<u>40p</u>
9 The distance from Anby to Ugby is four-fifths of the distance from Anby to Wells. How far is it from Anby to Wells via Ugby?	<u>35km</u>



10 3600ml of oil fill 6 identical containers. How much does each hold?	<u>600ml</u>
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A	Answer
1 $360^\circ \div 4 =$	<u>90°</u>
2 $\frac{5}{6}$ of 42kg is	<u>35kg</u>
3 $\pounds 80 + \pounds 80 + \pounds 80 + \pounds 80 =$	<u>£320</u>
4 $3 \times \blacksquare = 2100$	<u>700</u>
5 $(56 \div 7) \times 3 =$	<u>24</u>
6 $9 \times 9 \times 3 \times 0 =$	<u>0</u>
7 $\frac{7}{10}$ of 700mm is	<u>490mm</u>
8 $400\text{g} \times 4 =$	<u>1600g</u>
9 $\blacksquare \div 9 = 100$	<u>900</u>
10 $3^2 \times 2^2 =$	<u>36</u>


B	Answer
1 What is the product of 80 and 60?	<u>4800</u>
2 How many times longer is 720km than 8km?	<u>90</u>
3 How many groups of 30p are there in £2.70?	<u>9</u>
4 What is 40 times 5 times 90?	<u>18000</u>
5 Find the total mass of 5 parcels of 600g in kg.	<u>3kg</u>
6 Divide 4 squared by 8.	<u>2</u>
7 What must 6m be multiplied by to give 540m?	<u>90</u>
8 What is $(45 \div 9)$ minus $(28 \div 7)$?	<u>1</u>
9 Divide £640 by 8.	<u>£80</u>
10 Find the difference between 7×8 and 6×11 .	<u>10</u>

C	Answer
1 Sixty-three children are grouped in teams of 9. How many teams?	<u>7</u>
2 What number, when multiplied by 9, will give a product that is half of 90?	<u>5</u>
3 A prize of £8100 is shared equally between 9 people. How much money will they each receive?	<u>£900</u>
4 This line is 36mm long. How many millimetres is a line that is $\frac{5}{9}$ of its length?	<u>20mm</u>
5 Divide the square of 20 by 10.	<u>40</u>
6  What is the perimeter of this equilateral triangle?	<u>90cm</u>
7 Which of these numbers will divide into 42 without a remainder? <div style="border: 1px solid black; padding: 2px; display: inline-block;">4 6 8 9</div>	<u>6</u>
8 A small bag of sugar holds 400g. How many of these bags do you need to have 2.8kg of sugar?	<u>7</u>
9  The angles in this diagram are equal. What is the size of angle x?	<u>45°</u>
10 Nine pieces of ribbon, each 9cm in length, are cut from a metre length. How much ribbon is left?	<u>19cm</u>

A	Answer
1 $0.5 \times \blacksquare = 4.5$	<u>9</u>
2 $11 \times 7 =$	<u>77</u>
3 $4^2 + 2^2 =$	<u>20</u>
4 Three thirteens are	<u>39</u>
5 $0.9 \times \blacksquare = 5.4$	<u>6</u>
6 $\blacksquare \div 5 = 5$	<u>25</u>
7 $22 \div 11 =$	<u>2</u>
8 $\frac{3}{7}$ of 42cm is	<u>18cm</u>
9 $8 \overline{)64}$	<u>8</u>
10 $(5 \times 12) - (6 \times 10) =$	<u>0</u>

B	Answer
1 What are eight groups of 9?	<u>72</u>
2 What is the area of a square with sides of 7cm?	<u>49cm²</u>
3 Share £3.60 equally among 9 boys. How much each?	<u>40p</u>
4 Find the remainder when 40 is divided by 6.	<u>4</u>
5 Divide 4.8 by 6.	<u>0.8</u>
6 What is the product of 0.7 and 4?	<u>2.8</u>
7 What is $\frac{7}{8}$ of 24?	<u>21</u>
8 How many times smaller is 3 than 33?	<u>11</u>
9 What is 0.3kg multiplied by 9?	<u>2.7kg</u>
10 How many months are there in 6 years?	<u>72</u>

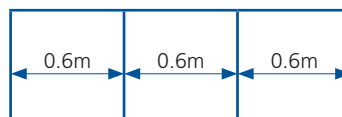
C	Answer
1 Six pieces of ribbon are cut, each 0.4m in length. What is their total length?	<u>2.4m</u>
2 Find the difference between (0.4×5) and $(1.2 \div 0.3)$.	<u>2</u>
3 A scale drawing shows lengths 9 times smaller than in real life. How long, in real life, is a length that is 0.9cm on the drawing?	<u>8.1cm</u>
4 How long will it take to travel a distance of 63km travelling at 9km/h?	<u>7 hr</u>
5 What is the mean of these 4 numbers?	<u>8</u>
<div style="border: 1px solid black; display: inline-block; padding: 2px 10px;">11 12 5 4</div>	
6 A rectangle is 7cm long and 0.8cm wide. What is its area?	<u>5.6cm²</u>
7 The area of a rectangle is 2400cm ² . If its length is 60cm, what is its width?	<u>40cm</u>
8 If it costs £0.50 to travel 5km, how much will it cost to travel 45km at the same rate?	<u>£4.50</u>
9 What is the perimeter of a regular decagon with sides of 0.06m?	<u>0.6m</u>

10	 How many grams more than 3kg is the mass of the contents of 4 of these tins?	<u>200g</u>
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A	Answer
1 $(80 \times 30) \div 400 =$	_____ 6
2 $11 \times 12 =$	_____ 132
3 $\blacksquare \div 12 = 2$	_____ 24
4 $\frac{7}{9}$ of £54 is	_____ £42
5 $6 \times 8 = \blacksquare \times 12$	_____ 4
6 $\blacksquare \times 8 = 5.6$	_____ 0.7
7 $4 \times 0.7\text{km} =$	_____ 2.8km
8 The square of 7cm is	_____ 49cm ²
9 $40 \div 9 = \blacksquare \text{ r } \blacksquare$	_____ 4 r 4
10 $2 \times 3 \times 2 \times 5 \times 2 =$	_____ 120

B	Answer
1 What is the product of 11 and 8?	_____ 88
2 How many lots of 0.6 are in 3.6?	_____ 6
3 What is one-seventh of 3.5?	_____ 0.5
4 What is the difference between (0.4×8) and (0.8×4) ?	_____ 0
5 Find the sum of (9×0.3) and (3×1.1) .	_____ 6
6 Share £5.60 equally among 7 boys. How much each?	_____ 80p
7 Divide 84 by 7.	_____ 12
8 Thirty-two tenths is how many lots of 0.8?	_____ 4
9 6 times 2 times 6 is	_____ 72
10 What is the remainder when 70 is divided by 8?	_____ 6

C	Answer
1 A piece of string 4.8m long is cut into 8 equal pieces. What is the length of one piece?	_____ 60cm
2 A bucket holds 8.1 litres of water, which is shared equally between 9 people. How many millilitres of water will they each get?	_____ 900ml
3 Eight biscuits cost 72p. How much do seven of the biscuits cost?	_____ 63p
4 Three large floor tiles are placed side by side touching in a line. What is their total length?	_____ 1.8m



5 Which of these numbers can be divided by both 5 and 12 without a remainder?	_____ 60
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> 10 12 20 24 30 50 60 72 </div>	
6 Chloe has £12. Shappi has seven times as much as that. Find the total of their money.	_____ £96
7 A line is split into parts in the ratio of 4:7. If the line is 55cm long, what are the lengths of the two parts?	_____ 20cm _____ 35cm
8 The mean of 4 numbers is 0.4. Three of the numbers are 0.1, 0.8, 0.3. What is the fourth number?	_____ 0.4
9 2.1 litres of oil fill 7 identical cups. How much does each hold?	_____ 300ml
10 What is the perimeter of a regular dodecagon with sides of 3cm?	_____ 36cm

A	Answer
1 $4 \overline{)3.2}$	<u>0.8</u>
2 $9 \times 13 =$	<u>117</u>
3 $\frac{3}{4}$ of 360° is	<u>270°</u>
4 $9 \times 8 \times 2 \times 0 =$	<u>0</u>
5 $12p + 12p + 12p + 12p =$	<u>48p</u>
6 $5.4\text{kg} \div 9 =$	<u>0.6kg</u>
7 $5.6 \div 0.8 =$	<u>7</u>
8 $0.6 \times \square = 0.9 \times 4$	<u>6</u>
9 $29 \div 5 = \square \text{ r } \square$	<u>5 r 4</u>
10 $4 \times \square = \text{£}2.80$	<u>70p</u>

B	Answer
1 How many minutes are there in 8 hours?	<u>480</u>
2 What is one seventh of 42cm?	<u>6cm</u>
3 12 squared subtract 10 squared is	<u>44</u>
4 What is the product of 8 and 0.9?	<u>7.2</u>
5 How many months are there in 9 years?	<u>108</u>
6 Add (11×10) to (5×8) and divide by 3.	<u>50</u>
7 How many times heavier is 3.6kg than 1.2kg?	<u>3</u>
8 What number is equal to $8^2 + 4^2$?	<u>80</u>
9 Bananas cost 12p each. How much will 8 cost?	<u>96p</u>
10 Divide 68 by 11.	<u>6 r 2</u>

C	Answer
1 Four notebooks cost £2.40. What will be the cost of 9 notebooks?	<u>£5.40</u>
2 One-ninth of a number is 0.3. What is the number?	<u>2.7</u>
3 Write the missing number. $9 \times 9 = 11 \times 8 - \square$	<u>7</u>
4 What is the smallest number that can be divided by both 12 and 9 without a remainder?	<u>36</u>
5 What is the perimeter of an equilateral triangle with sides of 0.6cm?	<u>1.8cm</u>

6

A blue line drawing of a cylindrical tin with horizontal ridges. Inside the tin, the text 'beans' is written above '0.4kg'.

A tin contains 0.4kg of baked beans. Hamed eats $\frac{1}{10}$ of the beans. What mass of beans does he eat?

0.04kg

7

A motorcyclist travels at 36km per hour. How far does he ride in 10 minutes?

6km

8

What is the mean of these 7 numbers?

10	15	6	19	2	5	6
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9

9

Seven kg cost £4.90. Find the price per kg.

70p

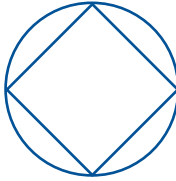
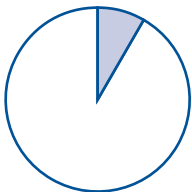
10

A square mosaic tile has an area of 12cm^2 . Six tiles are used to make a shape, without gaps. What is the area of the shape?

72cm^2

A	Answer
1 $\frac{2}{3}$ of 360° is	<u>240°</u>
2 $100 \div 11 = \square \text{ r } \square$	<u>9 r 1</u>
3 $(1^2 + 3^2) \times 7 =$	<u>70</u>
4 $3.5 \div 5 =$	<u>0.7</u>
5 $12 \overline{)60}$	<u>5</u>
6 $0.8 \times \square = 3.2$	<u>4</u>
7 $0.7 \times 0.9 =$	<u>0.63</u>
8 $\frac{4}{9}$ of 36cm is	<u>16cm</u>
9 $(3 \times 4) \times (2 \times 5) \times 6 =$	<u>720</u>
10 The square of 13cm is	<u>169cm²</u>

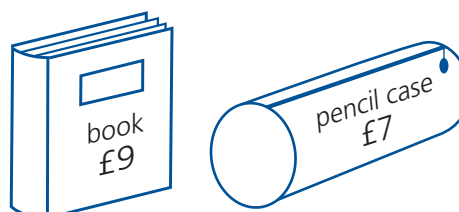
B	Answer
1 Split 42 in the ratio of 3:4.	<u>18 24</u>
2 How many days in 12 weeks?	<u>84</u>
3 Multiply 8 by 0.9.	<u>7.2</u>
4 What is the total mass of 6 sets of 0.8kg?	<u>4.8kg</u>
5 Divide 6.4 by 8.	<u>0.8</u>
6 What are three groups of 0.7?	<u>2.1</u>
7 There are eighty-one ninths. How many whole ones is that?	<u>9</u>
8 How many months are in 11 years?	<u>132</u>
9 What is the product of 7 and 0.8?	<u>5.6</u>
10 How many hours is 540 minutes?	<u>9</u>

C	Answer
1 ● stands for a missing sign, +, −, × or ÷. $1.2 \times 6 = 8 \bullet 0.8$ What is the correct sign?	<u>−</u>
2  The radius of the circle is 8cm. What is the length of the diagonal of the square?	<u>16cm</u>
3 How many 9-litre cans can be filled from 63 litres of oil?	<u>7</u>
4 Sana has £11. Ellie has 12 times as much as that. Find the total of their money.	<u>£143</u>
5 Divide the total of 6.9 and 0.8 by 7.	<u>1.1</u>
6 Which of these numbers will divide into 108 without a remainder? <div style="border: 1px solid black; padding: 2px; display: inline-block;">7 8 9 10 11</div>	<u>9</u>
7  This sector of a pie chart is one twelfth of the circle. What is the angle at the centre of the sector?	<u>30°</u>
8 A chocolate bar costs £0.70. How much change from £5 would you get if you bought 7 chocolate bars?	<u>10p</u>
9 What is one-sixth of the product of 8 and 9?	<u>12</u>
10 A rectangle has an area of 2.8cm^2 . Its width is 0.7cm. What is its length?	<u>4cm</u>

A	Answer
1 $4 \times 0.7\text{kg} =$	<u>2.8kg</u>
2 $(0.4 \div 5) \times (6 \times 0) =$	<u>0</u>
3 $4.8 \div 1.2 =$	<u>4</u>
4 $\square^2 = 64$	<u>8</u>
5 $7.2 \div 9 =$	<u>0.8</u>
6 $(6 \times 2) \times \square = 84$	<u>7</u>
7 $\square \div 11 = 11$	<u>121</u>
8 $0.9\text{m} + 0.9\text{m} + 0.9\text{m} =$	<u>2.7m</u>
9 $\frac{3}{7}$ of 49m is	<u>21m</u>
10 \square hours = 300 minutes	<u>5</u>

B	Answer
1 Find the mean of 12, 9, 10, 17.	<u>12</u>
2 How much greater is 9 squared than 1 squared?	<u>80</u>
3 What is one-sixth of 2.4km ?	<u>0.4km</u>
4 What number is equal to 0.8 times 6?	<u>4.8</u>
5 What is the product of 4 and 13?	<u>52</u>
6 How many times smaller is 70 than 350?	<u>5</u>
7 Multiply (4×3) by 9.	<u>108</u>
8 Share £5.40 equally between 6 boys. How much each?	<u>90p</u>
9 How many quarters in 8?	<u>32</u>
10 How many months are there in 12 years?	<u>144</u>

C	Answer
1 When a number is divided by 3 the answer is 12. What is the number?	<u>36</u>
2 Cho gave 5 friends 12 sweets each and she had 9 sweets left. How many did she have to start with?	<u>69</u>
3 One-seventh of a number is 8. What is the number?	<u>56</u>
4 £96 is shared between Li and Sandeep. Li gets 7 times as much as Sandeep. How much does Li get?	<u>£84</u>
5 Eight identical tins have a total mass of 5.6kg. What is the mass of 6 of the tins?	<u>4.2kg</u>
6 What is the total cost of 7 books and 3 pencil cases?	<u>£84</u>



7 A van can travel 9km using one litre of petrol. How far can it travel using 0.9 litres?	<u>8.1km</u>
8 This line is 6cm long. Another is 1.2 times longer. What is its length?	<u>7.2cm</u>
9 What is the difference between the number of days in 11 weeks and the months in 6 years?	<u>5</u>
10 What is the mean of these 8 numbers?	<u>0.4</u>

1 0.5 0.5 0.2 0.2 0.2 0.3 0.3

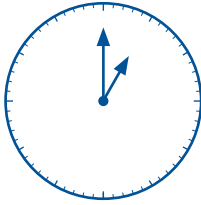
A	Answer
1 $\frac{8}{9}$ of 4.5kg is	4kg
2 $1 \times 1 \times 1 \times 1 \times 1 \times 1 =$	1
3 $\square^2 = 121$	11
4 $\pounds 1.20 + \pounds 1.20 + \pounds 1.20 + \pounds 1.20 =$	<u>£4.80</u>
5 $99 \div 9 = \square \div 12$	132
6 $6.3 \div 0.7 =$	9
7 $(6 \times 2) \times (4 \times 3) =$	144
8 $6^2 \div 9 =$	4
9 $\frac{5}{9}$ of 180° is	100°
10 $\square \div 13 = 6$	78

B	Answer
1 Twice 12 = 3 times \square	8
2 Split 56 in the ratio of 3:4.	24 32
3 What is the product of 0.6 and 7?	4.2
4 How many times heavier is 2.8kg than 0.4kg?	7
5 Divide 2.4 by 4.	0.6
6 How many months are there in 8 years?	96
7 There are twenty-five fifths. How many whole ones is that?	5
8 What is 7 squared plus 3 squared?	58
9 Which number, other than 1, 2, 3, 4, 6, 12 and 24, divides exactly into 24?	8
10 By how much is $\frac{5}{8}$ of 48 greater than $\frac{8}{9}$ of 27?	6

C

Answer

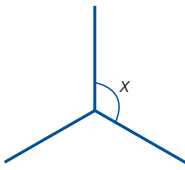
1 Eighty-four chairs are arranged in rows of 12. How many rows? 7

2  On a clock-face, what is the angle between the hands when the time is 1 o'clock? 30°

3 A pencil costs £0.60 and a paintbrush costs £1.20. How much will it cost in total to buy 3 pencils and 5 paintbrushes? £7.80

4 What number, when multiplied by 5, will give a product of 2.0? 0.4

5 Divide the total of 1.7 and 0.4 by 3. 0.7

6  The angles in this diagram are equal. What is the size of angle x ? 120°

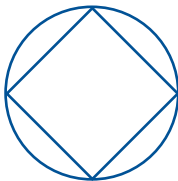
7 A line is split into parts in the ratio of 3:8. If the line is 88cm long, what are the lengths of the two parts? 24cm 64cm

8 The mean of 6 numbers is 9. Five of the numbers are

5	5	10	10	20
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What is the sixth number? 4

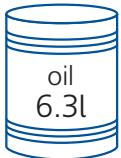
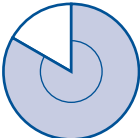
9 What is the perimeter of a regular nonagon with sides of 0.9cm? 8.1cm

10  The radius of the circle is 9cm. What is the length of the diagonal of the square? 18cm

Write the numbers 1 to 20 down the side of a sheet of paper.
Write alongside these numbers the **answers only** to the following questions.
Work as quickly as you can. Time allowed – **10 minutes**.

- 1 $40\text{g} \times 13 =$ 520g
- 2 What is $\frac{3}{7}$ of 28? 12
- 3 $60 \div 9 = \square \text{ r } \square$ 6 r 6
- 4 $\square^2 = 49$ 7
- 5 What is the product of 0.6 and 7? 4.2
- 6 How long will it take to travel a distance of 36km travelling at 4km/h? 9 hr
- 7 $80 \times 3 = 4 \times \square$ 60
- 8 A bar of chocolate has 18 chunks.
Ed eats $\frac{1}{3}$ of the bar.
How many chunks does he eat? 6
- 9 Split £56 in the ratio of 3:5. £21 £35
- 10 The distance from Matby to Clew is one-eighth of the distance from Clew to Skern. How far is it from Matby to Skern via Clew? 7.2km
- 11 What is 12 squared subtract 6 squared? 108
- 12 What is the remainder when 111 is divided by 11? 1
- 13 The mean of 6 numbers is 8. Five of the numbers are

5	5	10	10	15
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What is the sixth number? 3
- 14  A tin contains 6.3 litres of oil. Simon uses one-seventh of the oil.
How much is left? 5.4l
- 15 What is the difference between (0.9×9) and (1.1×11) ? 4
- 16 A bucket holds 8.4 litres of water, which is shared equally between 7 people.
How many millilitres of water will they each get? 1200ml
- 17 Nine bricks have a mass of 2.7kg. How many bricks have a mass of 3.6kg? 12
- 18 The perimeter of a square is 160mm. What is its area in square millimetres? 1600mm²
- 19  The shaded sector shown is five-sixths of the circle.
What is the angle of the sector? 300°
- 20 Divide the difference between 10^2 and 2^2 by 12. 8