

Paper 12 – continued

- 66 288 kg
 67 85 kg 250 g
 68 665 kg 320 g
 69 1 t 860 kg
 70 38.75 million kg
 (38 750 000 kg)
- 71 D, E, F, G
 72 E
 73 A, H
 74 C, E, I
 75 B, C, I, J

2^2	=	1^2	+	3	=	4
3^2	=	2^2	+	5	=	9
4^2	=	3^2	+	7	=	16
5^2	=	4^2	+	9	=	25
6^2	=	5^2	+	11	=	36
7^2	=	6^2	+	13	=	49
8^2	=	7^2	+	15	=	64
9^2	=	8^2	+	17	=	81
10^2	=	9^2	+	19	=	100

- 76
 77
 78
 79
 80
- 81 20 days
 82 19 seconds
 83 $7\frac{1}{2}$ days
 84 $12\frac{1}{2}$ hours
 85 $7\frac{1}{4}$ hours
- 86 13 500 m²
 87 18.75 m²
 88 13 m²
 89 17 cm²
 90 74 m²
- 91 14.3 yd
 92 24.2 lb
 93 6 kg
 94 21.6 pt
 95 32.5 cm
- 96 71°C
 97 34°C
 98 115°C
 99 101°C
 100 147°C

Paper 13

- 1 3136
 2 8514
 3 988
 4 771 120
 5 912 kg
- 6 60 min
 7 480
 8 0.25
 9 0.25
 10 250 g
- 11 eight hundred and
 seventeen thousand five
 hundred
- 12 six thousand, nine
 hundred and thirty-two
 miles
- 13 one hundred and
 twenty-seven thousand,
 nine hundred and sixty-
 one
- 14 eight hundred and
 twenty-eight thousand
 one hundred and nine
 thousand, six hundred
 and thirty-four km²
- 15
- 16 Y: (1, 13) (5, 13) (2, 12)
 (4, 12) (3, 11) (3, 10)
 (3, 9)
- 17 A: (7, 13) (6, 11) (7, 11)
 (8, 11) (5, 9) (9, 9)
- 18 T: (9, 13) (11, 13) (13,
 13) (11, 11) (11, 9)
- 19 P: (3, 7) (4, 7) (5, 6) (5,
 5) (3, 4) (4, 4) (3, 1)
- 20 F: (8, 7) (10, 7) (12, 7)
 (8, 4) (10, 4) (8, 1)
- 21 698
 22 483
 23 796
 24 179
 25 895
- 26 $\frac{7}{20}$
 27 $\frac{1}{5}$
 28 $\frac{3}{20}$
 29 $\frac{3}{10}$
 30 $\frac{17}{20}$

Paper 13 – continued

- 31 24
 32 30
 33 28
 34 11
 35 10
- 36 0.3
 37 0.2
 38 0.75
 39 0.4
 40 0.125
- 41 20 m²
 42 22 m²
 43 300
 44 784 cm²
 45 224 cm²
- 46 certain
 47 impossible
 48 even chance
 49 unlikely
 50 likely
- 51 6300 km²
 52 7900 km²
 53 9200 km²
 54 $\frac{1}{6}$
 55 5%
- 56 1500 kg
 57 28 l 750 ml
 58 400 l
 59 200
 60 32 860 l
- 61 9.5 km
 62 1.3 km
 63 4.5 km
 64 16.75 km
 65 66 min
- 66 £36
 67 72%
 68 48p
 69 70%
 70 $37\frac{1}{2}$ %