

MARK
✓ or X

Q. 21–25

Venn diagrams

Forty children were asked which comics they read. Put this information into the Venn diagram and then answer question 25.

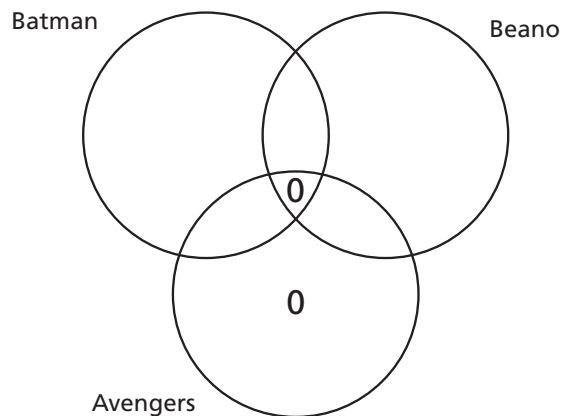
21 5 read both the Beano and the Avengers.

22 18 read both the Beano and Batman.
Nobody reads all three comics.

23 7 read both Batman and the Avengers.

24 Nobody reads just the Avengers and 4 read only Batman.

25 How many children read only the Beano? _____



- 21
- 22
- 23
- 24
- 25

Q. 26–30

fraction problems

26 Mr Hussain buys $1\frac{3}{4}$ kg of onions, $3\frac{1}{2}$ kg of potatoes and $\frac{7}{8}$ kg of cabbage. What total mass does he carry home? _____ kg

27 What fraction of 6 litres is 5 half litres? _____

28 Tom is nine years old and $1\frac{1}{2}$ times as old as his sister, Zoe. How old is Zoe? _____ years old

29 If a room is $6\frac{3}{5}$ m long and $3\frac{1}{4}$ m wide, what is the distance all round it? _____ m

30 How much is three-quarters of the product of seven-eighths and four-ninths? _____

- 26
- 27
- 28
- 29
- 30

Q. 31–35

factors and multiples

31 What is the highest common factor of 23 and 69? _____

32 What is the highest common factor of 24 and 60? _____

33 What is the lowest common multiple of 2 and 10? _____

34 What is the lowest common multiple of 4 and 12? _____

35 What is the lowest common multiple of 12 and 16? _____

- 31
- 32
- 33
- 34
- 35

MARK