



Time allowed: 40 minutes • Total marks: 30 (1 mark per question)

- Circle the letter of the correct answer for each question.
- Work through the questions in order. If one is hard, move on and come back to it.
- You may use spare paper for working out. Calculators are not allowed.
- Check your answers if you finish early.

1 Work out $694 + 450$

- ☐ A 1044 ☐ B 1144 ☐ C 1244 ☐ D 1134 ☐ E 1154

2 Work out $816 - 242$

- ☐ A 574 ☐ B 584 ☐ C 564 ☐ D 674 ☐ E 572

3 Work out 25×14

- ☐ A 330 ☐ B 370 ☐ C 325 ☐ D 350 ☐ E 364

4 Work out $1404 \div 9$

- ☐ A 154 ☐ B 158 ☐ C 156 ☐ D 146 ☐ E 166

5 In the number 38,721, what is the value of the digit 2?

- ☐ A 2 ☐ B 200 ☐ C 2,000 ☐ D 20,000 ☐ E 20

6 Round 4,976 to the nearest thousand.

- ☐ A 4,000 ☐ B 5,000 ☐ C 6,000 ☐ D 4,500 ☐ E 0

7 What is two thirds of 36?

- ☐ A 12 ☐ B 36 ☐ C 26 ☐ D 24 ☐ E 25

8 Which fraction is equivalent to $\frac{4}{5}$?

- ☐ A $\frac{12}{20}$ ☐ B $\frac{4}{15}$ ☐ C $\frac{13}{15}$ ☐ D $\frac{15}{12}$ ☐ E $\frac{12}{15}$

9 Work out $7.5 - 0.64$

- ☐ A 6.96 ☐ B 6.76 ☐ C 6.86 ☐ D 7.86 ☐ E 6.85

10 Write $\frac{9}{20}$ as a percentage.

- ☐ A 45% ☐ B 9% ☐ C 20% ☐ D 55% ☐ E 40%

11 What is 35% of 140?

- ☐ A 63 ☐ B 35 ☐ C 49 ☐ D 51 ☐ E 47

12 Maya and Tom share 15 sweets in the ratio 2 : 3. How many sweets does Maya get?

- ☐ A 9 ☐ B 6 ☐ C 3 ☐ D 15 ☐ E 7

13 What is the next number in the sequence 5, 9, 17, 33, ...?

- ☐ A 67 ☐ B 63 ☐ C 66 ☐ D 65 ☐ E 69

14 If $5n + 3 = 53$, what is n ?

- ☐ A 9 ☐ B 11 ☐ C 8 ☐ D 12 ☐ E 10
-

15 If $y = 6x + 4$, what is y when $x = 8$?

- ☐ A 52 ☐ B 50 ☐ C 54 ☐ D 48 ☐ E 56
-

16 Two angles of a triangle are 49° and 59° . What is the third angle?

- ☐ A 82° ☐ B 62° ☐ C 72° ☐ D 108° ☐ E 252°
-

17 Three angles meet at a point. Two of them are 121° and 109° . What is the third?

- ☐ A 130° ☐ B 140° ☐ C 120° ☐ D 71° ☐ E 150°
-

18 A rectangle is 13 cm long and 3 cm wide. What is its perimeter?

- ☐ A 16 cm ☐ B 32 cm ☐ C 39 cm ☐ D 36 cm ☐ E 28 cm
-

19 A triangle has a base of 10 cm and a height of 4 cm. What is its area?

- ☐ A 40 cm^2 ☐ B 14 cm^2 ☐ C 24 cm^2 ☐ D 16 cm^2 ☐ E 20 cm^2
-

20 A cube has edges of 5 cm. What is its volume?

- ☐ A 15 cm^3 ☐ B 25 cm^3 ☐ C 150 cm^3 ☐ D 125 cm^3 ☐ E 133 cm^3
-

21 A coach journey starts at 15:20 and lasts 1 hour 15 minutes. When does it end?

- ☐ A 16:45 ☐ B 16:25 ☐ C 17:35 ☐ D 15:35 ☐ E 16:35
-

22 Four stickers cost 85p each. How much change do you get from £5.00?

- ☐ A £1.70 ☐ B £1.50 ☐ C £2.60 ☐ D £1.60 ☐ E £3.40
-

23 Write 6.4 km in m.

- ☐ A 640 m ☐ B 64,000 m ☐ C 6,400 m ☐ D 6,500 m ☐ E 6,300 m
-

24 What is the median of 12, 5, 8, 16 and 13?

- ☐ A 12 ☐ B 8 ☐ C 13 ☐ D 16 ☐ E 5
-

25 A bag holds 4 white, 3 black and 5 grey marbles. One marble is picked without looking. What is the probability it is grey?

- ☐ A $5/7$ ☐ B $5/12$ ☐ C $1/5$ ☐ D $4/12$ ☐ E $3/12$
-

26 There are 36 children in a class. Four ninths of them are boys. How many girls are there?

- ☐ A 16 ☐ B 32 ☐ C 24 ☐ D 20 ☐ E 36
-

27 A train leaves at 08:41 and arrives at 10:51. How long is the journey?

- ☐ A 2 hours 10 minutes ☐ B 2 hours 20 minutes ☐ C 2 hours ☐ D 3 hours 10 minutes
☐ E 1 hour 10 minutes
-

28 Tickets cost £6.50 for an adult and £4.25 for a child. What is the total cost for 1 adult and 3 children?

- ☐ A £20.25 ☐ B £18.25 ☐ C £19.25 ☐ D £10.75 ☐ E £19.75
-

29 I think of a number, multiply it by 6, then subtract 11. The answer is 61. What was my number?

- ☐ A 11 ☐ B 13 ☐ C 61 ☐ D 14 ☐ E 12
-

30 How many edges does a cube have?

A 6

B 12

C 8

D 10

E 24

End of paper. Well done!
