



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 $517 + 352$

- ☐ A 769 ☐ B 969 ☐ C 869 ☐ D 859 ☐ E 879

2 Work out $622 - 166$

- ☐ A 466 ☐ B 446 ☐ C 556 ☐ D 456 ☐ E 454

3 Work out 41×21

- ☐ A 841 ☐ B 861 ☐ C 881 ☐ D 820 ☐ E 882

4 Work out $828 \div 6$

- ☐ A 136 ☐ B 140 ☐ C 128 ☐ D 148 ☐ E 138

5 In the number 71,589, what is the value of the digit 1?

- ☐ A 1,000 ☐ B 1 ☐ C 10 ☐ D 100 ☐ E 10,000

6 Round 824 to the nearest hundred.

- ☐ A 700 ☐ B 900 ☐ C 800 ☐ D 850 ☐ E 1,000

7 What is two thirds of 27?

- ☐ A 9 ☐ B 27 ☐ C 20 ☐ D 19 ☐ E 18

8 Which fraction is equivalent to $\frac{2}{3}$?

- ☐ A $\frac{8}{15}$ ☐ B $\frac{8}{12}$ ☐ C $\frac{2}{12}$ ☐ D $\frac{9}{12}$ ☐ E $\frac{12}{8}$

9 Work out $2.2 - 0.74$

- ☐ A 1.56 ☐ B 1.36 ☐ C 2.46 ☐ D 1.46 ☐ E 1.45

10 Write $\frac{17}{50}$ as a percentage.

- ☐ A 34% ☐ B 17% ☐ C 50% ☐ D 44% ☐ E 29%

11 What is 40% of 200?

- ☐ A 100 ☐ B 60 ☐ C 80 ☐ D 82 ☐ E 78

12 Amir and Beth share 40 sweets in the ratio 2 : 3. How many sweets does Beth get?

- ☐ A 16 ☐ B 8 ☐ C 32 ☐ D 24 ☐ E 40

13 What is the next number in the sequence 6, 9, 15, 27, ...?

- ☐ A 57 ☐ B 53 ☐ C 49 ☐ D 54 ☐ E 51

14 If $5n + 3 = 38$, what is n ?

- ☐ A 7 ☐ B 6 ☐ C 8 ☐ D 5 ☐ E 9
-

15 If $y = 5x + 7$, what is y when $x = 6$?

- ☐ A 35 ☐ B 37 ☐ C 39 ☐ D 30 ☐ E 44
-

16 Two angles of a triangle are 51° and 40° . What is the third angle?

- ☐ A 89° ☐ B 99° ☐ C 79° ☐ D 91° ☐ E 269°
-

17 Two angles sit together on a straight line. One is 123° . What is the other?

- ☐ A 67° ☐ B 47° ☐ C 237° ☐ D 61° ☐ E 57°
-

18 A rectangle is 14 cm long and 5 cm wide. What is its perimeter?

- ☐ A 19 cm ☐ B 70 cm ☐ C 38 cm ☐ D 42 cm ☐ E 34 cm
-

19 A triangle has a base of 8 cm and a height of 6 cm. What is its area?

- ☐ A 48 cm^2 ☐ B 14 cm^2 ☐ C 28 cm^2 ☐ D 24 cm^2 ☐ E 20 cm^2
-

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

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

21 A film starts at 12:50 and lasts 1 hour 15 minutes. When does it finish?

- ☐ A 14:15 ☐ B 13:55 ☐ C 15:05 ☐ D 14:05 ☐ E 13:05
-

22 Three badges cost £1.15 each. How much change do you get from £5.00?

- ☐ A £1.65 ☐ B £1.55 ☐ C £1.45 ☐ D £2.55 ☐ E £3.45
-

23 Write 6.4 litres in millilitres.

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

24 What is the range of 4, 11, 3, 20 and 9?

- ☐ A 20 ☐ B 3 ☐ C 17 ☐ D 19 ☐ E 15
-

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

- ☐ A $\frac{1}{3}$ ☐ B $\frac{4}{8}$ ☐ C $\frac{1}{4}$ ☐ D $\frac{4}{12}$ ☐ E $\frac{5}{12}$
-

26 There are 35 children in a class. Three sevenths of them are boys. How many girls are there?

- ☐ A 15 ☐ B 30 ☐ C 25 ☐ D 35 ☐ E 20
-

27 A train leaves at 08:28 and arrives at 09:50. How long is the journey?

- ☐ A 1 hour 32 minutes ☐ B 1 hour 12 minutes ☐ C 2 hours 22 minutes ☐ D 1 hour 22 minutes
☐ E 22 minutes
-

28 Tickets cost £8.50 for an adult and £4.50 for a child. What is the total cost for 1 adult and 3 children?

- ☐ A £23.00 ☐ B £21.00 ☐ C £22.00 ☐ D £13.00 ☐ E £22.50
-

29 I think of a number, multiply it by 3, then subtract 5. The answer is 22. What was my number?

- ☐ A 9 ☐ B 8 ☐ C 10 ☐ D 22 ☐ E 11
-

30 How many faces does a cuboid have?

A 4

B 6

C 8

D 10

E 12

End of paper. Well done!
