



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 $560 + 252$

- ☐ A 712 ☐ B 912 ☐ C 802 ☐ D 822 ☐ E 812

2 Work out $814 - 438$

- ☐ A 386 ☐ B 376 ☐ C 366 ☐ D 476 ☐ E 374

3 Work out 33×24

- ☐ A 772 ☐ B 812 ☐ C 792 ☐ D 759 ☐ E 816

4 Work out $616 \div 7$

- ☐ A 86 ☐ B 90 ☐ C 78 ☐ D 88 ☐ E 98

5 In the number 61,345, what is the value of the digit 1?

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

6 Round 8,384 to the nearest thousand.

- ☐ A 7,000 ☐ B 9,000 ☐ C 8,500 ☐ D 10,000 ☐ E 8,000

7 What is three quarters of 52?

- ☐ A 39 ☐ B 26 ☐ C 52 ☐ D 13 ☐ E 41

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

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

9 Work out $5.7 + 0.79$

- ☐ A 6.59 ☐ B 6.39 ☐ C 7.49 ☐ D 6.49 ☐ E 6.48

10 Write $\frac{4}{5}$ as a percentage.

- ☐ A 4% ☐ B 80% ☐ C 5% ☐ D 90% ☐ E 75%

11 What is 15% of 200?

- ☐ A 50 ☐ B 10 ☐ C 30 ☐ D 32 ☐ E 28

12 Maya and Tom share 84 sweets in the ratio 5 : 7. How many sweets does Tom get?

- ☐ A 35 ☐ B 49 ☐ C 7 ☐ D 56 ☐ E 42

13 What is the next number in the sequence 3, 4, 6, 10, ...?

- ☐ A 22 ☐ B 20 ☐ C 16 ☐ D 18 ☐ E 19

- 14 If $4n - 4 = 40$, what is n ?
☐ A 11 ☐ B 10 ☐ C 12 ☐ D 9 ☐ E 13
-
- 15 If $y = 5x - 6$, what is y when $x = 8$?
☐ A 32 ☐ B 36 ☐ C 40 ☐ D 27 ☐ E 34
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- 16 Two angles of a triangle are 40° and 68° . What is the third angle?
☐ A 72° ☐ B 82° ☐ C 62° ☐ D 108° ☐ E 252°
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- 17 Three angles meet at a point. Two of them are 122° and 98° . What is the third?
☐ A 150° ☐ B 130° ☐ C 82° ☐ D 160° ☐ E 140°
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- 18 A rectangle is 9 cm long and 6 cm wide. What is its perimeter?
☐ A 15 cm ☐ B 54 cm ☐ C 34 cm ☐ D 30 cm ☐ E 26 cm
-
- 19 A triangle has a base of 12 cm and a height of 5 cm. What is its area?
☐ A 60 cm^2 ☐ B 17 cm^2 ☐ C 30 cm^2 ☐ D 34 cm^2 ☐ E 26 cm^2
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- 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
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- 21 A coach journey starts at 11:40 and lasts 2 hours 30 minutes. When does it end?
☐ A 14:10 ☐ B 14:20 ☐ C 14:00 ☐ D 15:10 ☐ E 13:10
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- 22 Four badges cost 45p each. How much change do you get from £5.00?
☐ A £3.30 ☐ B £3.10 ☐ C £3.20 ☐ D £4.20 ☐ E £1.80
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- 23 Write 6.4 litres in millilitres.
☐ A 640 ml ☐ B 64,000 ml ☐ C 6,500 ml ☐ D 6,400 ml ☐ E 6,300 ml
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- 24 What is the median of 9, 5, 12, 15 and 10?
☐ A 9 ☐ B 12 ☐ C 15 ☐ D 5 ☐ E 10
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- 25 A bag holds 4 yellow, 5 purple and 3 orange marbles. One marble is picked without looking. What is the probability it is yellow?
☐ A $4/8$ ☐ B $1/3$ ☐ C $1/4$ ☐ D $4/12$ ☐ E $5/12$
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- 26 There are 45 children in a class. Four ninths of them are boys. How many girls are there?
☐ A 20 ☐ B 25 ☐ C 40 ☐ D 30 ☐ E 45
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- 27 A train leaves at 11:09 and arrives at 13:11. How long is the journey?
☐ A 2 hours 2 minutes ☐ B 2 hours 12 minutes ☐ C 1 hour 52 minutes ☐ D 3 hours 2 minutes
☐ E 1 hour 2 minutes
-
- 28 Tickets cost £9.75 for an adult and £5.25 for a child. What is the total cost for 2 adults and 2 children?
☐ A £31.00 ☐ B £29.00 ☐ C £15.00 ☐ D £30.00 ☐ E £30.50
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- 29 I think of a number, multiply it by 6, then subtract 6. The answer is 54. What was my number?
☐ A 9 ☐ B 11 ☐ C 10 ☐ D 54 ☐ E 12
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30 How many faces does a cuboid have?

A 4

B 8

C 10

D 12

E 6

End of paper. Well done!
