



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 $775 + 451$

- ☐ A 1226 ☐ B 1126 ☐ C 1326 ☐ D 1216 ☐ E 1236

2 Work out $912 - 281$

- ☐ A 641 ☐ B 621 ☐ C 731 ☐ D 631 ☐ E 629

3 Work out 29×24

- ☐ A 676 ☐ B 716 ☐ C 667 ☐ D 720 ☐ E 696

4 Work out $456 \div 4$

- ☐ A 112 ☐ B 114 ☐ C 116 ☐ D 104 ☐ E 124

5 In the number 63,541, what is the value of the digit 3?

- ☐ A 3 ☐ B 30 ☐ C 3,000 ☐ D 300 ☐ E 30,000

6 Round 437 to the nearest hundred.

- ☐ A 300 ☐ B 500 ☐ C 400 ☐ D 450 ☐ E 0

7 What is two sevenths of 42?

- ☐ A 6 ☐ B 18 ☐ C 30 ☐ D 14 ☐ E 12

8 Which fraction is equivalent to $\frac{2}{5}$?

- ☐ A $\frac{10}{25}$ ☐ B $\frac{10}{30}$ ☐ C $\frac{2}{25}$ ☐ D $\frac{11}{25}$ ☐ E $\frac{25}{10}$

9 Work out $4.0 - 1.54$

- ☐ A 2.56 ☐ B 2.46 ☐ C 2.36 ☐ D 3.46 ☐ E 2.45

10 Write $\frac{8}{25}$ as a percentage.

- ☐ A 8% ☐ B 25% ☐ C 42% ☐ D 32% ☐ E 27%

11 What is 45% of 60?

- ☐ A 27 ☐ B 33 ☐ C 21 ☐ D 29 ☐ E 25

12 Sam and Priya share 40 sweets in the ratio 3 : 5. How many sweets does Sam get?

- ☐ A 25 ☐ B 5 ☐ C 20 ☐ D 10 ☐ E 15

13 What is the next number in the sequence 5, 13, 29, 61, ...?

- ☐ A 119 ☐ B 127 ☐ C 123 ☐ D 125 ☐ E 122

- 14 If $3n + 7 = 43$, what is n ?
☐ A 11 ☐ B 13 ☐ C 12 ☐ D 10 ☐ E 14
-
- 15 If $y = 4x - 4$, what is y when $x = 4$?
☐ A 10 ☐ B 12 ☐ C 14 ☐ D 16 ☐ E 7
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- 16 Two angles of a triangle are 51° and 55° . What is the third angle?
☐ A 84° ☐ B 64° ☐ C 106° ☐ D 254° ☐ E 74°
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- 17 Three angles meet at a point. Two of them are 123° and 123° . What is the third?
☐ A 124° ☐ B 114° ☐ C 104° ☐ D 57° ☐ E 134°
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- 18 A rectangle is 11 cm long and 3 cm wide. What is its perimeter?
☐ A 28 cm ☐ B 14 cm ☐ C 33 cm ☐ D 32 cm ☐ E 24 cm
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- 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 34 cm^2 ☐ D 30 cm^2 ☐ E 26 cm^2
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- 20 A cuboid measures 6 cm by 2 cm by 5 cm. What is its volume?
☐ A 13 cm^3 ☐ B 12 cm^3 ☐ C 60 cm^3 ☐ D 70 cm^3 ☐ E 50 cm^3
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- 21 A workshop starts at 09:05 and lasts 2 hours 5 minutes. When does it end?
☐ A 11:20 ☐ B 11:10 ☐ C 11:00 ☐ D 12:10 ☐ E 10:10
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- 22 Four erasers cost 45p each. How much change do you get from £5.00?
☐ A £3.30 ☐ B £3.10 ☐ C £4.20 ☐ D £1.80 ☐ E £3.20
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- 23 Write 2.5 kg in g.
☐ A 250 g ☐ B 25,000 g ☐ C 2,600 g ☐ D 2,500 g ☐ E 2,400 g
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- 24 What is the median of 7, 15, 19, 4 and 10?
☐ A 7 ☐ B 15 ☐ C 10 ☐ D 19 ☐ E 4
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- 25 A bag holds 4 white, 5 black and 3 grey marbles. One marble is picked without looking. What is the probability it is grey?
☐ A $1/4$ ☐ B $3/9$ ☐ C $1/3$ ☐ D $4/12$ ☐ E $5/12$
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- 26 There are 28 children in a class. Three sevenths of them are boys. How many girls are there?
☐ A 12 ☐ B 16 ☐ C 24 ☐ D 20 ☐ E 28
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- 27 A train leaves at 12:57 and arrives at 14:32. How long is the journey?
☐ A 1 hour 45 minutes ☐ B 1 hour 25 minutes ☐ C 1 hour 35 minutes ☐ D 2 hours 35 minutes
☐ E 35 minutes
-
- 28 Tickets cost £6.50 for an adult and £4.50 for a child. What is the total cost for 2 adults and 3 children?
☐ A £27.50 ☐ B £25.50 ☐ C £11.00 ☐ D £26.50 ☐ E £27.00
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- 29 I think of a number, multiply it by 6, then subtract 10. The answer is 56. What was my number?
☐ A 10 ☐ B 12 ☐ C 56 ☐ D 13 ☐ E 11
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30 How many edges does a cube have?

A 12

B 6

C 8

D 10

E 24

End of paper. Well done!
