

**YEAR 5**

Arithmetic and Problem Solving

Section A is mental arithmetic, so work without a calculator. Section B is worded problems, where showing your working matters as much as the answer.

Name: _____

Date: _____

Score: _____

Section A · Mental arithmetic

No calculator. Accuracy first, then speed.

1 $347 + 268$

2 $1000 - 437$

3 24×15

4 $486 \div 6$

5 Find $\frac{3}{4}$ of 96

6 Find 15% of 240

7 $2.6 + 13.75$

8 7.2×4

9 $45.6 \div 8$

10 $12^2 - 5^2$

Section B • Problem solving

Show every step of your working.

- 1 A book costs £4.75. How much do 6 books cost?
-
- 2 A train leaves at 09:47 and the journey takes 1 hour 35 minutes. At what time does it arrive?
-
- 3 48 sweets are shared between Amir and Bella in the ratio 3 : 5. How many does each get?
-
- 4 A rectangle is 14 cm long and 9 cm wide. Work out its perimeter and its area.
-
- 5 5 pencils cost £1.75. How much do 8 pencils cost?
-
- 6 I think of a number, double it, then add 7. The answer is 43. What was my number?
-
- 7 A coat costs £60.00 and is reduced by 25% in a sale. What is the sale price?
-
- 8 A car travels at 60 km/h for 2 hours 30 minutes. How far does it travel?
-