

# YEAR 6

## MATHS QUESTIONS

### Measurement Questions

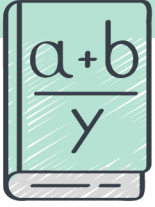
1  $7 \text{ cm} + 5 \text{ cm} = ?$

2 A rope is 3 metres long. How many centimetres long is the rope?

3  $1500 \text{ mL} - 500 \text{ mL} = ?$

4 A pencil is 15 cm long and a pen is 20 cm long. What is the total length of the pencil and the pen in centimetres?

5  $250 \text{ g} + 750 \text{ g} = ?$

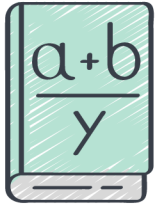


# YEAR 6

## MATHS QUESTIONS

### Conversion of Units Questions

- 1 A tank holds 2 litres of water. How many millilitres is this?
- 2 There are 1000 grams in a kilogram. How many grams are there in 3 kilograms?
- 3 Convert 1800 mL into litres.
- 4 Convert 5 km into metres.
- 5 How many centimetres are there in 4.5 metres?

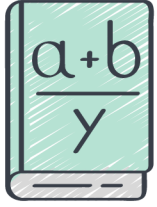


# YEAR 6

## MATHS QUESTIONS

### Percentages of Amounts Questions

- 1 What is 25% of 80?
- 2 A shirt costs £40. What is 10% off the price of the shirt?
- 3 If there are 60 students in a school and 20% of them are in Year 6, how many Year 6 students are there?
- 4 What is 75% of 200?
- 5 If a bike costs £150, what is the price after a 20% discount?

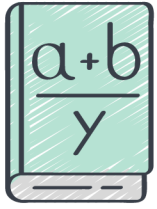


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## MATHS QUESTIONS

### Ratio Questions

- 1 If a recipe calls for a ratio of 4 parts sugar to 1 part flour, how much flour is needed if you use 8 parts sugar?
- 2 The ratio of boys to girls in a class is 5:3. If there are 24 boys, how many girls are there?
- 3 If a bag contains red, blue, and green marbles in the ratio 2:3:5 and there are 40 marbles in total, how many red marbles are there?
- 4 A car travels in the ratio of 3 parts on the motorway to 2 parts in the city. If it travels 300 miles in total, how many miles are spent on the motorway?

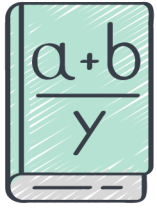


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## MATHS QUESTIONS

### Mixed Questions

- 1 50% of 60 = ?
- 2 A jar holds 1.5 litres of juice. How many millilitres is that?
- 3 If a cake is sliced into 8 equal pieces and you eat 3, what fraction of the cake is left?
- 4 30 cm + 2.5 m = ?
- 5 A pack of biscuits costs £2.00. If you buy 3 packs, how much will you spend?



# YEAR 6

## MATHS QUESTIONS

### Advanced Measurement and Units Questions

- 1 Convert 1500 mL into litres and millilitres.
  
  
  
  
  
  
  
  
  
  
- 2 An athlete runs 5 km in 20 minutes. What is the speed in km/h?
  
  
  
  
  
  
  
  
  
  
- 3 The height of a tree is 2.5 m. Convert this height into centimetres.
  
  
  
  
  
  
  
  
  
  
- 4 You need 200 g of flour for a recipe. How many grams do you need if you want to double the recipe?
  
  
  
  
  
  
  
  
  
  
- 5 If a container holds 3.5 litres, how many 250 mL cups can you fill from it?