

**YEAR 5**

Fractions, Decimals and Percentages

Fractions, decimals and percentages are three ways of writing the same thing. Being able to switch between them quickly saves a lot of time in an exam.

Name: _____

Date: _____

Score: _____

Section A • Converting

Give fractions in their simplest form.

1 Write $\frac{1}{2}$ as a decimal

2 Write 0.25 as a fraction in its simplest form

3 Write $\frac{3}{10}$ as a percentage

4 Write 45% as a decimal

5 Write $\frac{7}{20}$ as a percentage

6 Write 0.6 as a fraction in its simplest form

Section B • Calculating

Work without a calculator.

1 $\frac{1}{2} + \frac{1}{4}$

2 Find $\frac{3}{5}$ of 40

3 Find 20% of 150

4 Find $\frac{2}{3}$ of 90

5 Increase 80 by 25%

6 Decrease 60 by 10%

Section C • Problem solving

Show your working.

1 A jacket costs £40.00 and is reduced by 15%. What is the new price?

2 $\frac{3}{8}$ of 64 students walk to school. How many students walk?

3 Priya scores 40 out of 50 in a test. What percentage is this?

4 A phone costs £200.00. The price rises by 12%. What is the new price?
