

Fractions — Full Revision

Name:

Date:

INQUIRY

Fractions, decimals and percentages are three ways of saying the same thing. Master all three.

Discuss with your partner. Write your initial ideas below:

Key Vocabulary

Term	Definition
Fraction	Part of whole: numerator/denominator.
Decimal	Number with decimal point.
Percentage	Parts per hundred.
KCF	Keep-Change-Flip for dividing fractions.

Full Revision (30 marks)

1. Simplify: $24/36$. [1 marks]

Show your working:

2. Calculate: $2/5 + 3/4$. [2 marks]

Show your working:

3. Calculate: $\frac{3}{4} \times \frac{2}{5}$. [1 marks]

Show your working:

4. Calculate: $\frac{2}{3} \div \frac{4}{5}$. [2 marks]

Show your working:

5. Convert 0.375 to a fraction in simplest form. [2 marks]

Show your working:

6. Find 35% of 420. [2 marks]

Show your working:

7. A Korean class has 32 students. $\frac{3}{8}$ are boys. How many girls? [2 marks]

Show your working:

8. A Nanjing shop has a 20% sale. A jacket costs 580 yuan. Find the sale price. [2 marks]

Show your working: