

KS3 Unit 20 Fractions Decimals and Percentages

Topic/Skill	Definition/Tips	Example
1. Fractions to Decimals	Divide the numerator by the denominator using the bus stop method.	$\frac{3}{8} = 3 \div 8 = 0.375$
2. Decimals to Fractions	Write as a fraction over 10, 100 or 1000 and simplify.	$0.36 = \frac{36}{100} = \frac{9}{25}$
3. Percentages to Decimals	Divide by 100	$8\% = 8 \div 100 = 0.08$
4. Decimals to Percentages	Multiply by 100	$0.4 = 0.4 \times 100\% = 40\%$