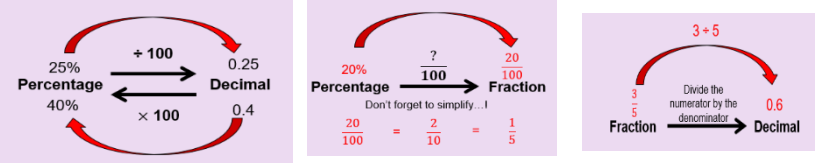


	Topic	Information	Examples	Sparx Clip																		
1	<b>Multiplying and dividing fractions</b>	<p><b>To multiply fractions:</b> Multiply the numerators together and multiply the denominators together.</p> <p><b>To divide fractions:</b> Keep the first fraction the same. Flip the second fraction upside down Change the ÷ sign to a x sign</p>	$\frac{3}{8} \times \frac{2}{9} = \frac{6}{72} = \frac{1}{12}$ $\frac{3}{4} \div \frac{5}{6} = \frac{3}{4} \times \frac{6}{5} = \frac{18}{20} = \frac{9}{10}$	M671, M601, M216, M157, M110, M197, M265																		
2	<b>Fractions of an amount</b>	Divide by the denominator, times by the Numerator	Find $\frac{2}{5}$ of £60 $60 \div 5 = 12 \quad 12 \times 2 = 24$	M157, M478, M695, M684																		
3	<b>Fractions, decimals and percentages</b>		<table border="1"> <tbody> <tr><td><math>\frac{1}{2}</math></td><td>0.5</td><td>50%</td></tr> <tr><td><math>\frac{1}{4}</math></td><td>0.25</td><td>25%</td></tr> <tr><td><math>\frac{1}{3}</math></td><td>0.3</td><td>33.3%</td></tr> <tr><td><math>\frac{1}{5}</math></td><td>0.2</td><td>20%</td></tr> <tr><td><math>\frac{1}{8}</math></td><td>0.125</td><td>12.5%</td></tr> <tr><td><math>\frac{1}{10}</math></td><td>0.1</td><td>10%</td></tr> </tbody> </table>	$\frac{1}{2}$	0.5	50%	$\frac{1}{4}$	0.25	25%	$\frac{1}{3}$	0.3	33.3%	$\frac{1}{5}$	0.2	20%	$\frac{1}{8}$	0.125	12.5%	$\frac{1}{10}$	0.1	10%	M939, M410, M671, M335, M601, M958, M264, M553, M235
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4	<b>Probability</b>	<p>We express probability as a <u>number</u> between 0 and 1.</p> <p>The probability for an event which is IMPOSSIBLE is 0.</p> <p>The probability for an event which is CERTAIN is 1.</p> <p>Probability can be expressed as a <u>fraction</u>, a <u>decimal</u> or a <u>percentage</u>.</p>	<p>Calculate the probability of rolling an odd number on a fair 6-sided die.</p> $P(\text{odd}) = \frac{\text{odd numbers on a die}}{\text{total numbers on a die}} = \frac{3}{6}$	M655, M941, M938, M755, M718																		

