

	Topic	Information	Examples	Sparx Clip
1	Writing and comparing fractions	<p>To find a fraction of an amount - Divide by the denominator, times by the Numerator</p> <p>Equivalent fractions - Fractions which represent the same value.</p> <p>To simplify fractions - Divide the numerator and denominator by the highest common factor.</p>	<p>Find $\frac{2}{5}$ of £60</p> $60 \div 5 = 12 \quad 12 \times 2 = 24$ $\frac{2}{5} = \frac{4}{10} = \frac{20}{50} = \frac{60}{150} \text{ etc.}$ $\frac{20}{45} = \frac{4}{9}$	M227, M698, M158, M939, M410, M671, M335, M601
2	Adding and subtracting fractions	<p>Use equivalent fractions to make the denominators equal then add or subtract the numerators.</p> <p>Simplify the answer if possible, for extra marks</p>	$\frac{1}{2} + \frac{1}{3} = \frac{3}{6} + \frac{2}{6} = \frac{5}{6}$ $\frac{1}{3} - \frac{1}{4} = \frac{4}{12} - \frac{3}{12} = \frac{1}{12}$	M227, M698, M671, M410, M601, M835, M931
3	Single brackets	<p>Multiply all the terms inside the bracket by the number or term outside the bracket.</p>	$2(x+5) = 2x + 10$ $6(x-3) = 6x-18$	M813, M795, M698, M637, M237, M792, M100