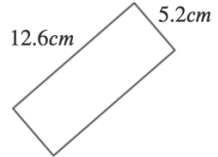
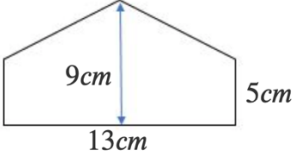
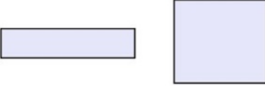


# Year 7 Term 3

Learning Aim	Emerging	Developing	Securing	Mastering
Fraction focus	Shading fractions and adding/subtracting with common denominator	Four operations, different denominators	Four operations with mixed numbers	Complex questions which mix number type and order
Examples	$\frac{2}{7} + \frac{3}{7} =$	$\frac{4}{5} - \frac{3}{8} =$	$3\frac{1}{4} \div 2\frac{2}{3} =$	$3\frac{1}{4} \div \frac{2}{3} \times \left(\frac{2}{5} - 1\frac{1}{4}\right) =$
Area/ Perimeter/ Volume	Apply formula to calculate area and perimeter of rectangles, parallelograms and triangles	Calculate volume and surface area of cuboids and triangular prisms Problem solve compound shapes involving rectangles and triangles	Apply knowledge of formula to problem solve functional skill style questions.	
Examples			<p>The diagram shows a rectangle and a square.</p> <p style="text-align: right;"><small>Diagram not accurately drawn</small></p>  <p>The rectangle is 8 cm long and 6 cm wide. The perimeter of the rectangle is the same as the perimeter of the square.</p> <p>Work out the length of one side of the square.</p>	

Extension opportunities	Introduction to:
Fractions	Intro to letters in fractions
Area	Surface area of prisms
Perimeter	Consider perimeters with letters

You can find practice on all the topics taught this term at [Mathsworkout.co.uk](http://Mathsworkout.co.uk)

Login: sarum

Password: solid92

Go to number section: 16, geometry section: 09,10,12,13

Choosing the right level of difficulty for you within each topic area.