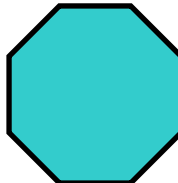
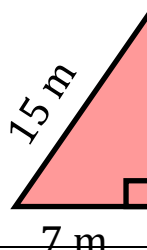
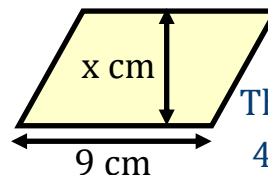
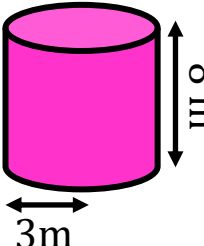
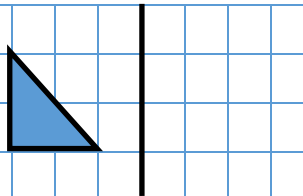
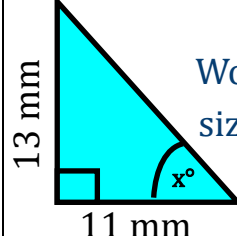
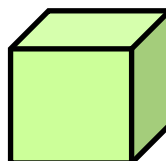



September 2020

Mon	Tue	Wed	Thu	Fri	Sat	Sun								
	1 Draw a net of a cube with side length 6 cm.	2 Work out 98708-45989	3  Work out the perimeter for this regular octagon	4 Simplify $(7m^3)^2$	5 Work out the mean 9, 6, 7, 9, 4, 2, 1, 6	6  Work the missing height.								
7 Work out the diameter of a circle with area 113.1 cm^2 .	8  The area is 40.5 cm^2 . Find x.	9  The cylinder has a mass of 400g. What is the density?	10 Construct a 45° angle.	11 What is the distance between the coordinates (9,2) and (13,5)	12 Work out 65.3×2.4	13 Factorise and solve $x^2+7x+12=0$								
 Reflect the triangle.	15 Write 0.0025 as a fraction in its simplest form.	16 Write $8\frac{1}{4}$ as an improper fraction.	17 Solve $9x+7\leq 70$	18  Work out the size of angle x.	19 Write down an equation of line which is parallel to $y=5x+4$.	20 Round 8979.45 to 2 significant figures.								
21 Write 360 as a product of its primes.	<table border="1" data-bbox="513 1304 777 1486"><thead><tr><th>Colour</th><th>Frequency</th></tr></thead><tbody><tr><td>Red</td><td>6</td></tr><tr><td>Blue</td><td>17</td></tr><tr><td>Yellow</td><td>11</td></tr></tbody></table> Draw a bar chart.	Colour	Frequency	Red	6	Blue	17	Yellow	11	23  Work out the volume of the cube.	24 Write down the next 3 terms of the sequence 3, 5, 8, 13, 21,	25 An item is reduced by 20% to £116. Find its original price.	26 Simplify 5 L : 350 ml	27 What is the average speed of a car travelling 30 miles in 36 minutes.
Colour	Frequency													
Red	6													
Blue	17													
Yellow	11													
 Work out the size of x.	29 What is the exact value of $\sin (45)$?	30 Make n the subject $9 (n - 7) = m$												
<div><div>FUNCTIONAL</div><div>MATHS</div></div>														