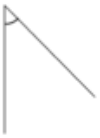
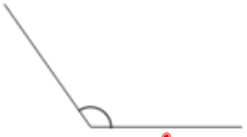
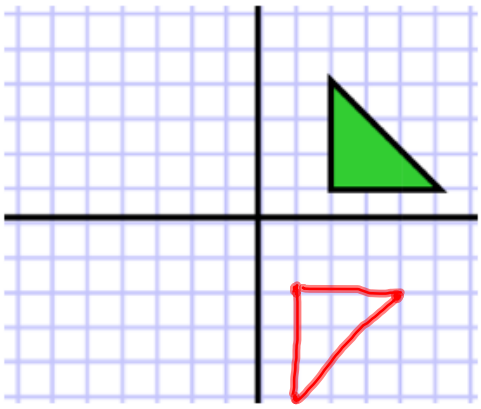
Name: _____

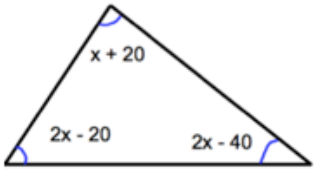
October 7th	5-a-day	Numeracy
 This is an ..acute.... angle		 This is an ....obtuse..... angle
Shade 40% of this shape 		
Simplify $\frac{18}{24} = \frac{6}{8} = \frac{3}{4}$		
In one week 4000 people visited a library. Of these 4000 people, 20% visited on Friday. How many went on Friday?		800
⅖ of the people visited on Saturday. How many people visited on Saturday?		1600

Name: _____

October 7	**5-a-day**	**Foundation**
Round 59.38 to 1 decimal place 59.4		Round 1.3293 to 1 decimal place 1.3
How far would you travel if you travelled for 5 hours at 35mph? 175 miles		How long does it take to travel 180 miles at 40mph? 4.5 hrs 4 hrs 30 mins.
 Rotate the triangle, 90 degree clockwise about the origin.		
$4\frac{1}{4} - 2\frac{2}{3}$ $\frac{17}{4} - \frac{8}{3}$ $\frac{51}{12} - \frac{32}{12} = \frac{19}{12}$ $1\frac{7}{12}$		

Name: _____

October 7	5-a-day	Higher

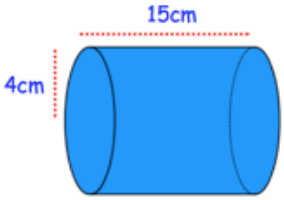


Find x

$5x - 40 = 180$

$5x = 220$

$x = 44^\circ$



Calculate the volume

$\pi \times 4^2 \times 15$

$= 240\pi \text{ cm}^3$

$= 753.98... \text{ cm}^3$

The length of a side of an equilateral triangle is 1.5, correct to 2 significant figures.

Work out the lowest possible perimeter of the triangle.

LB = 1.45cm

1.45×3

4.35cm

$\frac{4\pi r^2 h}{5r}$	πr^3	$2r(r + h)$
A	V	A

h and r represent lengths.

Complete the table indicating whether each expression represents a:

length area volume none of these

Calculate the surface area of a sphere of radius 5cm.

$SA = 4\pi r^2$

$= 4 \times \pi \times 5^2$

$100\pi \text{ cm}^2$

314.16cm^2