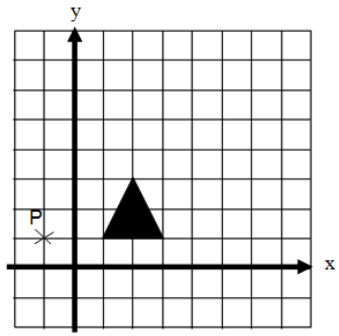
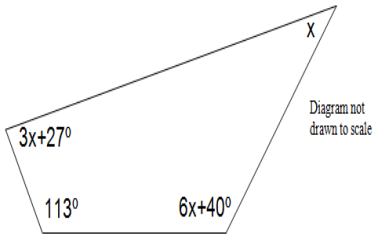
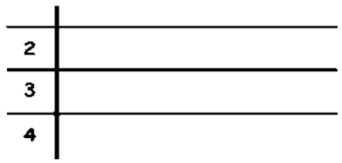
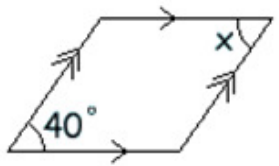
Number	Algebra	Data Handling	Shape	Random
Split £440 in the ratio 5 : 3	Write down the nth term for the sequence: 4, 10, 16, 22, …	<table><tr><td>Spinner</td><td>Red</td><td>Green</td><td>Black</td><td>Yellow</td><td>Blue</td></tr><tr><td>Probability</td><td>0.35</td><td>0.15</td><td>0.1</td><td>p</td><td>3p</td></tr></table> Above is a list of the probabilities from an unfair spinner. Calculate the probability of getting a blue.		Using only a compass, ruler and pencil construct perpendicular bisector.
Given that 762 x 845 = 643890 Write down the value of 76.2 x 0.845 =	Find the size of the smallest angle. 	Here are four numbers. Their **mean** is 4 and their **range** is 0 4 4 4 4 Write four numbers that have a **mean** of 4 and a **range** of 4	Enlarge the triangle above scale factor 3 from the point P.	$\frac{4}{7}$ of 28kg
Write in standard form the number: 0.000892	Expand and simplify: $(p-5)(p-2)$	Draw the stem & leaf below: 4.1 3.6 4.5 2.9 3.8 3.2 3.6 2.8 3.7 2.5 	Calculate the size of angle s. Give reasons fro your answer.  x =	Sam is 89kg to the nearest kg. a) What is the smallest value his weight could be? b) What is the largest value his weight could be?
Calculate the value of: $27^{2/3}$	Factorise completely: $3pq + 2p^2$	Calculate the inter quartile range of the data above.	Calculate the exterior angle of a decagon	$5a = 2b + 15$ $4a - b = 6$