Number	Algebra	Data Handling	Shape	Random
Calculate the value of: $49^{\frac{1}{2}}$	Simplify $\frac{24k^6}{3k^2}$	Mr Fish collected data on the number of portions of chips students ate in a week. Draw a boxplot from this data. 		
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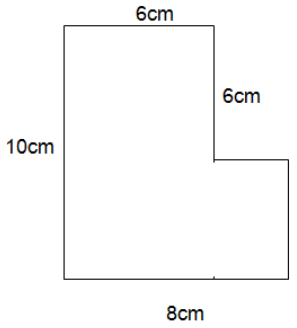
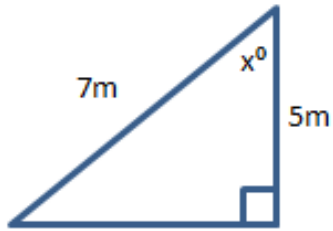
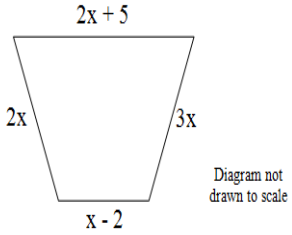
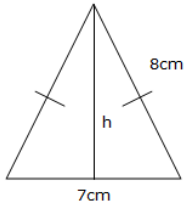
Minimum	2
Maximum	10
Median	6
Upper quartile	9
Inter-quartile range	5	 		
Find the HCF of 45 and 60.	 The perimeter of the trapezium is 27cm. Calculate the longest side.	A, B and C stand for three different numbers. **The mean of A and B is 40** **The mean of B and C is 35** **A + B + C = 100** Calculate the values of **A**, **B** and **C**.	Calculate the area of the shape above:	Calculate height of the triangle below: 
Given that 358 x 5767 = 2064586 Write down the value of 206.4586 ÷ 57.67	Expand and simplify: $(x-1)^2$	The stem and leaf table shows the number of students late each day to school last month 		
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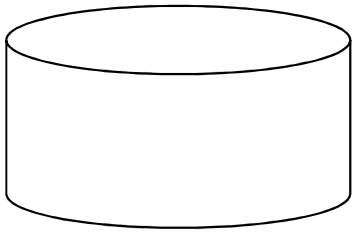
1	2 3 3 6 6 8 9
2	0 1 1 5 6 9
3	0 0 2 2 2 4 6 7	 a) Find the median b) Work out the range	Calculate the size of angle s. Give reasons fro your answer. **s =**	Find the nth term for the following sequence: 11, 9, 7, 5, …
Write in standard form the number: 36500000	Solve $4x - 5 \leq 7 - 2x$	 What is the probability of picking two matched socks at random?	Draw a plane of symmetry in the shape below: 	$a - 4b = 10$ $3a - 2b = 45$