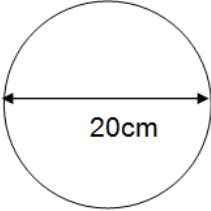
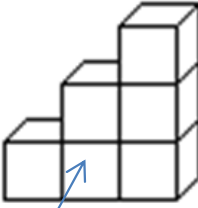

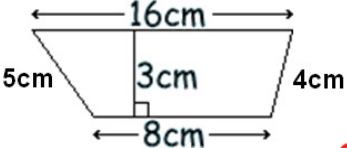


Number	Algebra	Data Handling	Shape	Random																																			
Share 84kg in the ratio 1 : 4: 2	Simplify $\frac{5h^4 \times 4h^2}{2h^3}$	Mr.Pinchaninch is trying to lose weight. He loses different amounts each month. <table border="1" data-bbox="936 293 1303 331"> <tr><th>Month</th><th>Jan</th><th>Feb</th><th>Mar</th><th>Apr</th><th>May</th></tr> <tr><td>Weight loss</td><td>3</td><td>1</td><td>2</td><td>0</td><td>4</td></tr> </table> Calculate 3 point moving averages on the data above.	Month	Jan	Feb	Mar	Apr	May	Weight loss	3	1	2	0	4	Approximately, how many Kilometres are there in 5 miles?	The density of gold is 19.3 g/cm <sup>3</sup> . Calculate the weight of a cube of gold of side 5cm.																							
Month	Jan	Feb	Mar	Apr	May																																		
Weight loss	3	1	2	0	4																																		
Calculate the value of:  $25^{3/2}$	Solve $4x - 5 \leq 7$	Carol counts the matches in 10 boxes. She works out that the mean number of matches in a box is 51. Here are her results for 9 boxes. <table border="1" data-bbox="990 584 1223 772"> <tr><th colspan="7">Number of matches in a box</th></tr> <tr><td>48</td><td>49</td><td>50</td><td>51</td><td>52</td><td>53</td><td>54</td></tr> <tr><td></td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td></td><td>✓</td></tr> <tr><td></td><td>✓</td><td>✓</td><td></td><td></td><td></td><td>✓</td></tr> <tr><td></td><td>✓</td><td></td><td></td><td></td><td></td><td></td></tr> </table> Calculate how many matches are in the 10th box.	Number of matches in a box							48	49	50	51	52	53	54		✓	✓	✓	✓		✓		✓	✓				✓		✓						Area =   (Take $\pi = 3$ )	Using only a compass, ruler and pencil construct an angle bisector.
Number of matches in a box																																							
48	49	50	51	52	53	54																																	
	✓	✓	✓	✓		✓																																	
	✓	✓				✓																																	
	✓																																						
A shop has a sale of 20% off everything. A shirt costs £32 in the sale. What was the original price of the shirt?	Solve: $\frac{4 + 5p}{8} = 3$	7, 12, 13, 18, 19, 24, 31, 34, 39, 42, 56  Find (i) The lower quartile (ii) The upper quartile	Draw a plan, a front and a side elevation of the shape below:  Front	$\frac{3}{8}$ of £60																																			
Given that $159 \times 873 = 138807$  Write down the value of $1388.07 \div 8.73 =$	Factorise completely: $x^2 + 5x + 6$	Draw a boxplot of the data above: 	Perimeter = Area = 	Write: An equation for the graph labelled b 