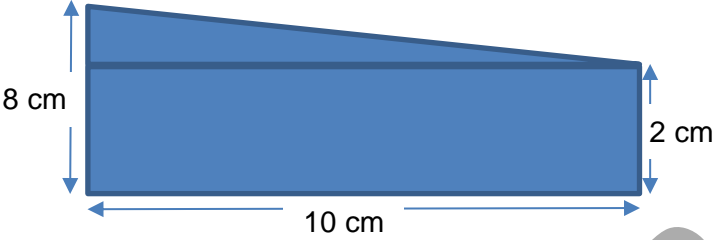


Name \_\_\_\_\_

Chest Number \_\_\_\_\_

Question	Answer	Mark																				
<p>Last year a fruit basket cost Rs1300 and has increased by 10%.</p> <p>What is the cost of a fruit basket this year?</p>	<b>Rs1430</b>	1																				
<p>Denish has a circular mirror with a diameter of 9 inches. He wants to put a frame around the edge.</p> <p>What is the circumference of the mirror?</p> <p><b>Note:</b> To ensure you have enough material, round your answer up to the nearest inch.</p>	<b>29 inches</b>	1																				
<p>You buy the following materials:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Item</th> <th>Qty</th> <th>Cost per Item</th> <th>Cost</th> </tr> </thead> <tbody> <tr> <td>tonne of cement</td> <td>4</td> <td>\$250.00 per tonne</td> <td>\$1000</td> </tr> <tr> <td>bag of sand</td> <td>60</td> <td>\$34.50 per bag</td> <td>\$</td> </tr> <tr> <td>basket of bricks</td> <td>350</td> <td>\$0.50 per basket</td> <td>\$</td> </tr> <tr> <td></td> <td></td> <td><b>Total Cost</b></td> <td>\$</td> </tr> </tbody> </table> <p>Complete the table and work out the total cost.</p>	Item	Qty	Cost per Item	Cost	tonne of cement	4	\$250.00 per tonne	\$1000	bag of sand	60	\$34.50 per bag	\$	basket of bricks	350	\$0.50 per basket	\$			<b>Total Cost</b>	\$	<b>\$3245</b>	1
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		<b>Total Cost</b>	\$																			
<p>Chetan is making bread. He needs 4 parts salt to 2 parts sugar.</p> <p>If he uses 40 cups of salt. How much sugar does he need?</p>	<b>20 cups</b>	1																				
<p>David is on a farm. There are 10 dogs and 16 ducks.</p> <p>If he looks randomly, what is the probability that he will see a duck first?</p> <p><b>Note:</b> Give the answer as a fraction in its lowest terms.</p>	<b>8 / 13</b>	1																				
<p>Janak is 2 times younger than his father. He is 6 years younger than his sister. Their combined age is 118.</p> <p>How old is Janak?</p>	<b>28 years</b>	1																				
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Activity (all costs are per person)</th> <th>Cost of transport</th> <th>Cost of parachuting</th> <th>Cost of paragliding</th> <th>Cost of a 14 night stay</th> </tr> </thead> <tbody> <tr> <td>Adventure holiday</td> <td>S\$50</td> <td>S\$240</td> <td>S\$300</td> <td>S\$186</td> </tr> </tbody> </table> <p>What is the total cost of transport, paragliding and a 14 night stay for 6 people?</p>	Activity (all costs are per person)	Cost of transport	Cost of parachuting	Cost of paragliding	Cost of a 14 night stay	Adventure holiday	S\$50	S\$240	S\$300	S\$186	<b>S\$3216</b>	1										
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Adventure holiday	S\$50	S\$240	S\$300	S\$186																		
<p>A utility company charges a £20 connection fee plus 13 pence per unit of electricity used.</p> <p>How much does it cost if 650 units are used?</p>	<b>£104.5</b>	1																				

Question	Answer	Mark												
<p>Below is a table of reviews of a restaurant in Kapilvastu.</p> <table border="1" data-bbox="323 232 873 304"> <tr> <td>13</td> <td>9</td> <td>16</td> <td>12</td> <td>9</td> <td>16</td> </tr> <tr> <td>9</td> <td>26</td> <td>31</td> <td>17</td> <td>28</td> <td>18</td> </tr> </table> <p>What is the mean and mode of the data?</p>	13	9	16	12	9	16	9	26	31	17	28	18	<p><b>Mean: 17</b> <b>Mode: 9</b></p>	<p>1</p>
13	9	16	12	9	16									
9	26	31	17	28	18									
<p>You are visiting a friend and looking at the map you gather the following information:</p> <p>The distance measured is 15 cm The scale is 1:20000</p> <p>What is the actual distance in km?</p>	<p><b>3 km</b></p>	<p>1</p>												
<p>Ajit is designing a garden. The plan, which is not to scale, can be seen below:</p>  <p>What is the area of the garden?</p>	<p><b>50 cm<sup>2</sup></b></p>	<p>1</p>												
<p>You have a bag of coloured marbles. 4 blue marbles, 6 purple marbles and 10 violet marbles. You take one out.</p> <p>What is the probability that you pick one of the violet marbles?</p> <p><b>Note:</b> Give the answer as a fraction in its lowest terms.</p>	<p><b>1 / 2</b></p>	<p>1</p>												
<p>You must fill your bergen with 29 kg before you go for a run. You have already packed:</p> <p>Sports kit: 1.5 kg Jumper: 5 kg Ammunition: 12250 g Shovel: 6.5 kg Towel: 0.75 kg</p> <p>How much more weight, in kgs, do you need to put in your bergen before the run?</p>	<p><b>3 kgs</b></p>	<p>1</p>												
<p>A bus leaves Nagarjun at 1400 hrs. It travels 105 km at an average speed of 70 kmph.</p> <p>What time did the bus reach its destination?</p> <p><b>Note:</b> give your answer using the 24 hr clock.</p>	<p><b>1530 hrs</b></p>	<p>1</p>												
<p>Laxman is an ammunition storeman. He has been tasked to put 1385 rounds into magazines. Each magazine holds 32 rounds.</p> <p>How many magazines will he need?</p>	<p><b>44 magazines</b> (answer must be a whole number)</p>	<p>1</p>												