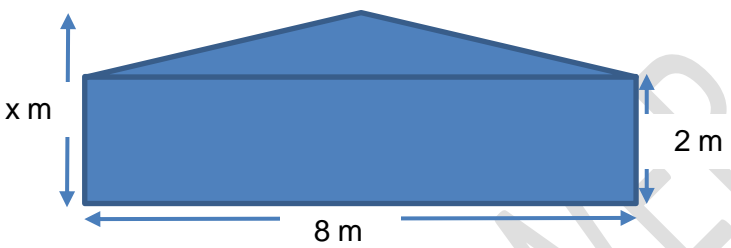


Name _____

Chest Number _____

Question	Answer	Mark												
A bus can travel 288 miles using 8 gallons of fuel. How many miles does the bus travel per gallon of fuel.	36 mpg	1												
Rajesh is an ammunition storeman. He has been tasked to put 1041 rounds into magazines. Each magazine holds 24 rounds. How many magazines will he need?	44 magazines	1												
You invest £11400 in the bank. The interest rate is 11% per year. How much money do you have in the bank after one year?	£12654	1												
A cylindrical can has the following internal dimensions: Height: 10 cm Diameter: 5 cm What volume of produce can you fit in the can? Note: Use $\pi = 3.141$. Give your answer to 3 decimal places.	196.313 cm³	1												
Rajesh sees the following price list: <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Item</th> <th>Cost per Item</th> </tr> </thead> <tbody> <tr> <td>kg of beef</td> <td>£3.20</td> </tr> <tr> <td>kg of rice</td> <td>£3.50</td> </tr> <tr> <td>box of apricots</td> <td>£2.12</td> </tr> <tr> <td>kg of sugar</td> <td>£4.72</td> </tr> <tr> <td>bar of chocolate</td> <td>42 pence</td> </tr> </tbody> </table> What is the total cost if he buys 10 boxes of apricots, 25 kgs of sugar and 159 bars of chocolate?	Item	Cost per Item	kg of beef	£3.20	kg of rice	£3.50	box of apricots	£2.12	kg of sugar	£4.72	bar of chocolate	42 pence	£205.98	1
Item	Cost per Item													
kg of beef	£3.20													
kg of rice	£3.50													
box of apricots	£2.12													
kg of sugar	£4.72													
bar of chocolate	42 pence													
You are making a cake. You need 10 parts flour to 5 parts butter. If you use 50 grams of butter. How much flour do you need?	100 grams	1												
If 30 kg = 66 pounds. If Yogendra weights 135 pounds, what is his weight in kgs? Note: Round your answer to two decimal places.	61.36 kgs	1												
Below is a table of the number of days it rained in Birgunj: <table border="1" style="margin-left: auto; margin-right: auto;"> <tbody> <tr> <td>26</td> <td>21</td> <td>26</td> <td>15</td> </tr> <tr> <td>26</td> <td>23</td> <td>14</td> <td>17</td> </tr> </tbody> </table> What is the mean and mode of the data?	26	21	26	15	26	23	14	17	Mean: 21 Mode: 26	1				
26	21	26	15											
26	23	14	17											
Rajesh can paint a house in 3 hours. Working with his apprentice, they can paint a house in 2.25 hours. How long would it take the apprentice to paint a house by himself? Note: Round to the nearest whole number.	9 hours	1												

Activity (all costs are per person)	Cost of transport	Cost of trekking	Cost of mountain biking	Cost of a 1 week stay		
Adventure holiday	£105	£570	£635	£180	£4600	1
5 people are taking part in an activity. What is the total cost if they all choose mountain biking, a 1 week stay and require transport?						
You are going on a journey and you make the following measurements on a map: The distance measured is 4 cm The scale is 1:20000 What is the actual length in km?					0.8 km	1
A delivery company charges a £10 fee plus £3 packaging per item. How much does it cost to deliver 7 items to a customer?					£31	1
The total area of the side of this house is 36 m ² . The plan, which is not to scale, can be seen below: 					7 m	1
What is the total height of the house, x?						
Yogendra is in a field. There are 10 goats and 21 chickens. If he looks randomly, what is the probability that he will see a chicken first?					21 / 31	1
Note: Give the answer as a fraction in its lowest terms.						
You are given the following list of times in a race: 5.875 s 2.5 s 188 ms 194 ms 6.5 s What is the total time in seconds?					15.257 seconds	1