






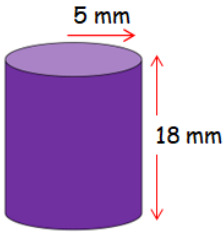





Name:	Date:												
<p>1 A bath can hold 90 litres of water. How many baths could be filled from 2379 litres of water?</p> 	<p>MNU 403a Gold Outcome 1</p> 												
<p>2 The stem-and-leaf diagram below shows a group's results in a spelling test.</p> <p style="text-align: center;"><u>Spelling Test Scores</u></p> <table style="display: inline-table; vertical-align: middle;"> <tr> <td style="border-right: 1px solid black; padding: 5px;">2</td> <td style="padding: 5px;">4</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px;">3</td> <td style="padding: 5px;">3 7</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px;">4</td> <td style="padding: 5px;">1 1 6</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px;">5</td> <td style="padding: 5px;">8</td> </tr> </table> <div style="display: inline-block; border: 1px solid black; padding: 5px; margin-left: 20px;"> <p>Key:-</p> <p>4 1 means 41</p> <p>n = 7</p> </div> <p style="margin-left: 100px;">  </p> <p>What was the median score?</p>	2	4	3	3 7	4	1 1 6	5	8	<p>MNU 420a Silver Outcome 1</p>				
2	4												
3	3 7												
4	1 1 6												
5	8												
<p>3 A suitcase weighs 2 stone.</p> <table border="1" style="margin-left: 100px;"> <thead> <tr> <th>Unit</th> <th>Abbrev.</th> <th>Metric</th> </tr> </thead> <tbody> <tr> <td>ounce</td> <td>oz</td> <td>28.35 g</td> </tr> <tr> <td>pound</td> <td>lb</td> <td>453.59 g</td> </tr> <tr> <td>stone</td> <td>st</td> <td>6.35 kg</td> </tr> </tbody> </table> <p>How many kilograms is this?</p> 	Unit	Abbrev.	Metric	ounce	oz	28.35 g	pound	lb	453.59 g	stone	st	6.35 kg	<p>MNU 411a Silver Outcome 3</p> 
Unit	Abbrev.	Metric											
ounce	oz	28.35 g											
pound	lb	453.59 g											
stone	st	6.35 kg											
<p>4 How long would it take the Hutchisons to drive 156 miles while travelling at an average speed of 40 miles per hour?</p> 	<p>MNU 410a Silver Outcome 4</p> 												
<p>5 Calculate the volume of this prism.</p> 	<p>MTH 411c Silver Outcome 1</p> 												
My score:													



Exam Questions

Question 1:

Donald weighs himself every month for 6 months.
The weights (in kilograms) are listed below.

83 81 78 80 78 77

Calculate Donald's mean weight over the 6 months. **4**

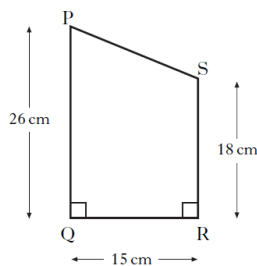


MTH 420b Bronze Outcome 2



Question 2:

Lewis is designing a bird box for his garden.
The dimensions for the side of the box are shown in the diagram below.



Calculate the length of side PS.

Do not use a scale drawing. **4**

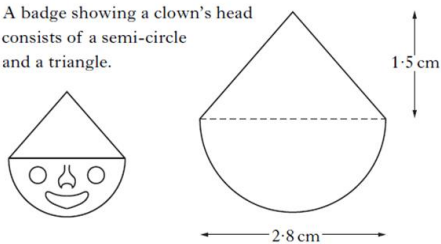


MTH 416a Bronze Outcome 1



Question 3:

A badge showing a clown's head consists of a semi-circle and a triangle.



Calculate the area of the badge in square centimetres.

Give your answer correct to one decimal place. **5**



MTH 416b Gold Outcome 2



Question 4:

(a) Complete the table below for $y = 2x - 3$.

x	-2	0	4
y			

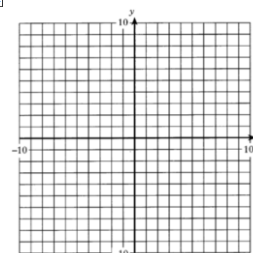
2

(b) Draw the line $y = 2x - 3$ on the grid.

2



MTH 413d Silver Outcome 1



Question 5:

Use the formula below to find the value of I when $P = 70$, $T = 0.5$ and $R = 8$.

$$I = \frac{PTR}{100}$$

3



MTH 314a Gold Outcome 2

My score: