



Name:	Date:
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="width: 45%;"> <p>1 Calculate</p> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;"> $\begin{array}{r} 57 \cdot 62 \\ + 9 \cdot 49 \\ \hline \end{array}$ </div> <div style="text-align: center;"> $\begin{array}{r} 74 \cdot 16 \\ - 52 \cdot 46 \\ \hline \end{array}$ </div> <div style="text-align: center;"> $\begin{array}{r} 0 \cdot 54 \\ \times 6 \\ \hline \end{array}$ </div> <div style="text-align: center;"> $\begin{array}{r} 5 \overline{) 91 \cdot 85} \\ \hline \end{array}$ </div> </div> </div> <div style="width: 50%; text-align: right;"> <p>MNU 303a Bronze Outcomes 1-4</p> </div> </div>	
<p>2 Calculate $\frac{1}{8}$ of £56.</p>	<p>MNU 307a Bronze Outcome 2</p>
<p>3 250 students were asked what their favourite subject was. The results are shown in the pie chart below.</p> <div style="text-align: center; margin: 20px 0;"> </div> <p>How many students' favourite subject was Maths?</p>	<p>MTH 321a Bronze Outcome 2</p>
<p>4 How long would it take Lisa to cycle 36 kilometres if she maintained an average speed of 12 kilometres per hour?</p>	<p>MNU 310a Bronze Outcome 4</p>
<p>5 "Olds" the bakers are currently selling 4 scones for £6.24.</p> <p>"Greegs" the bakers are selling 9 scones £14.22.</p> <p>Which baker is offering the best deal? You must give a reason for your answer!</p>	<p>MNU 309b Bronze Outcome 2</p>
My score:	



Name:	Date:												
<div style="display: flex; align-items: center; margin-bottom: 10px;"> 1 Calculate </div> <div style="text-align: center; margin-bottom: 10px;"> $5.2 - 8.731 + 9.46$ </div>	MNU 303a Gold Outcome 1												
<div style="display: flex; align-items: center; margin-bottom: 10px;"> 2 A wallpaper border has a given number of lines for each circle. </div> <p style="margin-bottom: 10px;">The pattern is shown in the table.</p> <table border="1" style="margin: 10px auto; border-collapse: collapse; text-align: center;"> <tr> <td style="padding: 5px;">no. of circles (C)</td> <td style="padding: 5px;">1</td> <td style="padding: 5px;">2</td> <td style="padding: 5px;">3</td> <td style="padding: 5px;">4</td> <td style="padding: 5px;">42</td> </tr> <tr> <td style="padding: 5px;">no. of lines (L) </td> <td style="padding: 5px;">6</td> <td style="padding: 5px;">9</td> <td style="padding: 5px;">12</td> <td style="padding: 5px;">?</td> <td style="padding: 5px;">?</td> </tr> </table> <div style="margin-top: 10px;"> <p>(a) Write a rule to calculate the number of lines when given the number of circles.</p> <p>(b) Complete the table.</p> </div>	no. of circles (C)	1	2	3	4	42	no. of lines (L)	6	9	12	?	?	MTH 313a Silver Outcome 2
no. of circles (C)	1	2	3	4	42								
no. of lines (L)	6	9	12	?	?								
<div style="display: flex; align-items: center; margin-bottom: 10px;"> 3 Calculate the size of the missing angle in the triangle below. </div> <div style="text-align: center; margin-bottom: 10px;"> </div>	MTH 317a Silver Outcome 3												
<div style="display: flex; align-items: center; margin-bottom: 10px;"> 4 Change the improper fraction below into a mixed number; </div> <div style="text-align: center; margin-bottom: 10px;"> $\frac{85}{9}$ </div>	MTH 307c Silver Outcome 1												
<div style="display: flex; align-items: center; margin-bottom: 10px;"> 5 Simplify </div> <div style="margin-bottom: 10px;"> <p>(a) $x^2 - 2x + 5x^2 + 9x$</p> <p>(b) $6y \times 4y$</p> </div>	MTH 314a Gold Outcome 1												
My score:													