











Name:	Date:
<p><b>1</b> A beaker can hold 30 millilitres of liquid. How many beakers would be required to hold 333 millilitres of liquid?</p> 	<p>MNU 403a Gold Outcome 1</p> 
<p><b>2</b> A sailing boat travelled 25.8 miles over a time period of 4 hours 18 mins.</p>  <p>What was its average speed?</p>	<p>MNU 410a Silver Outcome 3</p> 
<p><b>3</b> 3 light bulbs cost £2.40.</p>  <p>How much for 7 light bulbs?</p>	<p>MNU 408a Bronze Outcome 1</p>
<p><b>4</b> Bus 1 has a 2 in 30 chance of arriving late. Bus 2 has a 8 in 50 chance of being late.</p> <p>Which bus is more likely to not arrive on time?</p>  <p>You <b>MUST</b> give a reason for your answer!</p>	<p>MNU 422a Gold Outcome 1</p> 
<p><b>5</b> Increase 36 metres by 25%.</p> 	<p>MNU 407a Bronze Outcome 2</p>
My score:	



## Exam Questions

### Question 1:

Carry out the following calculations.

(a)  $14.6 - 3.21 + 5.3$  **1**

(b)  $2.44 \times 90$  **1**

(c)  $76.8 \div 6$  **1**

(d)  $\frac{1}{4} + \frac{1}{3}$  **2**



MNU 303a Gold Outcome 1

MNU 303a Gold Outcome 3

MNU 303a Bronze Outcome 4

MTH 307b Silver Outcome 1

### Question 2:

The wavelength of visible blue light is 0.000 072 centimetre.

Write this number in standard form. **2**



MTH 406b Silver Outcome 3

### Question 3:

Pamela paid £40 for a concert ticket. She was unable to go to the concert, so she sold her ticket on the Internet for £26.

Express her loss as a percentage of what she paid for the ticket.

**4**



MNU 407a Gold Outcome 3



### Question 4:

Evaluate  $3ab - c$  when

$a = -1$ ,  $b = 2$  and  $c = -10$ . **3**

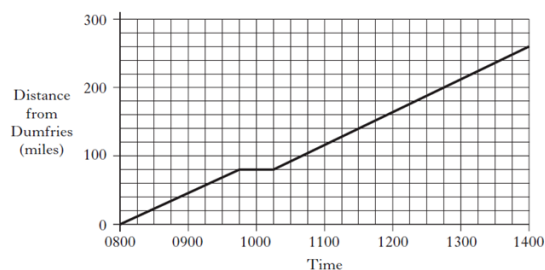
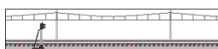


MTH 314a Gold Outcome 2

### Question 5:

Amir travels by train from Dumfries to Glasgow where he then catches another train to Inverness.

His journey is shown on the graph below.



(a) How long does he spend waiting in Glasgow? **1**

(b) Calculate the average speed of the train from Glasgow to Inverness. **3**



MNU 410b Bronze Outcome 1



**My score:**