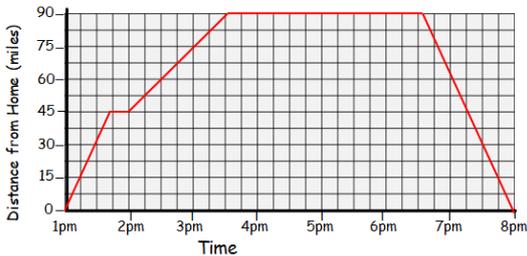




<p>Name:</p>	<p>Date:</p>
<p>1 Before a family road trip a car had did 23 985 miles. After the trip, the car had did 24 162 miles. How far did the family travel on their road trip?</p> 	<p>MNU 403a Bronze Outcome 1</p> 
<p>2 The weather forecast predicts a 11 in 60 chance of rain. It also predicts a 23 in 120 chance of snow. According to the weather forecast, is it more likely to rain or snow? You must give a reason your answer.</p>	<p>MNU 422a Gold Outcome 1</p>   
<p>3 In a survey by a local café it was found that 54 customers preferred coffee and 6 customers preferred tea. What percentage preferred tea?</p> 	<p>MNU 407a Silver Outcome 3</p>  
<p>4 A fish stall was set up at a local market. The ratio of cod : salmon : trout on sale was 4 : 7 : 5. If there were 63 salmon altogether how many fish in total were on sale?</p> 	<p>MNU 408a Gold Outcome 2</p> 
<p>5 Eric and Dominic are going to a football match. Their journey is shown in the graph below. They leave home at 1am and arrive back at 8pm.</p>  <p>(a) How long did they spend at the football match? (b) Calculate the average speed of their return journey.</p>	<p>MNU 410b Silver Outcome 1</p>   
<p>My score:</p>	



Exam Questions

Question 1:

Carry out the following calculations.

- (a) $306.5 - 214.78$ 1
- (b) 9.53×300 1
- (c) $2.58 \div 4$ 1
- (d) 70% of 26 2



MNU 303a Silver Outcome 2
 MNU 303a Gold Outcome 3
 MNU 303a Bronze Outcome 4
 MNU 307a Silver Outcome 3

Question 2:

Use the formula below to find the value of R when $P = 180$, $M = 7.5$ and $N = 5$.

$$R = \frac{P}{MN} \quad 3$$



MTH 314a Gold Outcome 2



Question 3:

A night train from London to Edinburgh leaves at 2321 and arrives at 0651.



- (a) How long does the train journey take? 2
- (b) The distance from London to Edinburgh is 644 kilometres. Find the average speed of the train in kilometres per hour. Give your answer correct to one decimal place. 3



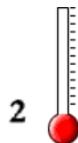
MNU 410a Bronze Outcome 1



Question 4:

A common cold virus is 5×10^{-4} millimetres long.

Write this number in full. 2



MTH 406b Bronze Outcome 4

Question 5:

2000 tickets are sold for a raffle in which the star prize is a television.



Kirsty buys 10 tickets for the raffle.

What is the probability that she wins the star prize? 1



MNU 422a Bronze Outcome 1

My score: