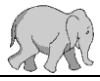
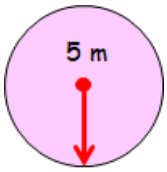
Name:	Date:
1 To feed some animals in a zoo 6·3 kilograms of rice was mixed with 4·17 kilograms of vegetables. The animals ate 8 kilograms of feed. How much feed is left? 	MNU 403a Silver Outcome 1
2 Calculate 6^8	MTH 406a Bronze Outcome 1
3 Calculate the area of this circle. 	MTH 416b Bronze Outcome 2
4 James bought 12 raffle tickets from a book with 150 tickets. Scott bought 30 raffle tickets from a book with 200 tickets. Who is more likely to win? You MUST give a reason for your answer!	MNU 422a Gold Outcome 1
5 How long would it take a hiker to walk 6·5 miles while maintaining an average speed of 5 miles per hour?	MNU 410a Silver Outcome 4
My score:	

Exam Questions

Question 1:

MNU 307a Silver Outcome 3
MNU 307a Silver Outcome 2
MTH 403c Bronze Outcome 1

(a) 30% of £230 **1**

(b) $\frac{4}{7}$ of 105 **1**

(c) 380 − 20 × 9 **1**

Question 2:

MNU 422a Bronze Outcome 1

Four girls and two boys decide to organise a tennis tournament for themselves.

Each name is written on a plastic token and put in a bag.

(a) What is the probability that the first token drawn from the bag has a girl's name on it? **1**

(b) The first token drawn from the bag has a girl's name on it.

This token is **not** returned to the bag.

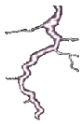
What is the probability that the next token drawn from the bag has a boy's name on it? **2**

Question 3:

MTH 406b Silver Outcome 3

Light travels one mile in about 0·000 005 4 seconds.

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

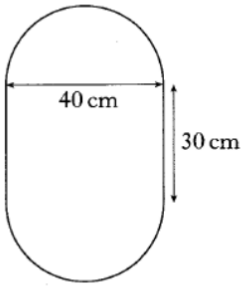


Question 4:

MTH 416b Gold Outcome 1

This mirror is in the shape of a rectangle with semi-circular ends.

It has a wooden edge all the way round the outside.



Calculate the total length of the wooden edge.

Give your answer to the nearest centimetre. **5**

Question 5:

MTH 314a Gold Outcome 2

Evaluate $\frac{2xy}{z}$ when $x = -5$,

$y = 6$ and $z = -4$.

3

My score: