



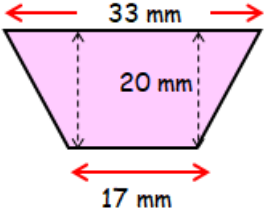


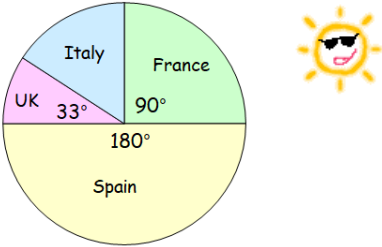








Name:	Date:
<p>1 The Byrne's set out on a journey of 123 miles. They travel 37.78 miles and have a break. They then travel a further 60.295 miles. How much further do they have to travel?</p> 	 MNU 403a Silver Outcome 1
<p>2 Calculate <math>8^5</math></p>	 MTH 406a Bronze Outcome 1 
<p>3 Calculate the area of this trapezium.</p> 	 MNU 411a Gold Outcome 1 
<p>4 In a survey, 840 people were asked what their favourite country was. The results are shown in the pie chart below.</p>  <p>How many people prefer Italy?</p>	 MNU 403a Bronze Outcome 4
<p>5 A plane flies 675 kilometres in 2 hrs 42 mins. What was its average speed?</p> 	 MNU 310a Silver Outcome 3 
My score:	



# Exam Questions

## Question 1:

The weight of a grain of salt is about 0.0000586 grams.



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



MTH 406b Gold Outcome 3

## Question 2:

The amount of money spent by the Khan family each week for four different weeks is listed below.



£170

£122

£110

£130

Calculate the mean amount spent each week. **4**

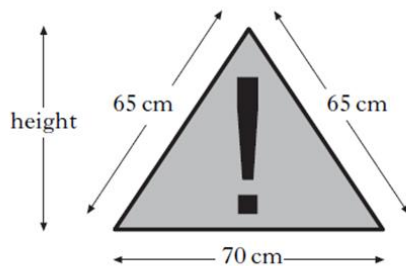


MTH 420b Bronze Outcome 2



## Question 3:

A warning sign is in the shape of an isosceles triangle.



Calculate the height of the sign. **4**



MTH 416a Gold Outcome 1



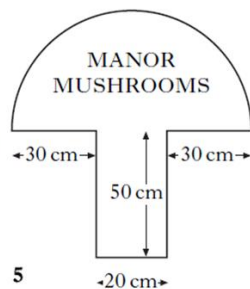
## Question 4:

A sign for a mushroom farm consists of a semi-circle and a rectangle.

There is a red border painted all around the edge of the sign.

Calculate the total length of the red border.

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



MTH 416b Gold Outcome 1



## Question 5:

(a) Complete the table below for  $y = 4x - 5$ .

$x$	-1	0	3
$y$			

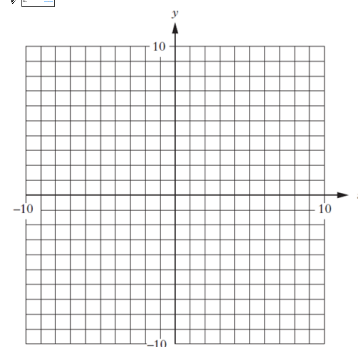
**2**

(b) Draw the line  $y = 4x - 5$  on the grid.

**2**



MTH 413d Silver Outcome 1



My score: