


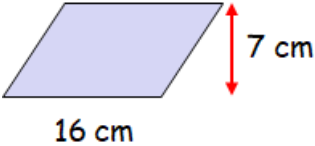


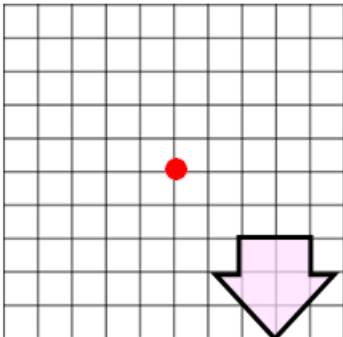
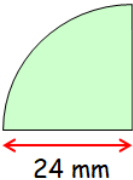








Name:	Date:
<p>1 Increase 60 millimetres by 72%.</p> 	<p> MNU 407a Bronze Outcome 2</p> 
<p>2 Calculate the area of this parallelogram.</p> 	<p> MNU 411a Bronze Outcome 1</p>
<p>3 Complete the shape opposite so that it has rotational symmetry of order 4 around the dot.</p>	<p> MTH 419a Gold Outcome 1</p> 
<p>4 Calculate the perimeter of this shape.</p> 	<p> MTH 416b Gold Outcome 1</p> 
<p>5 Calculate 5^6</p>	<p> MTH 406a Bronze Outcome 1</p> 
My score:	



Exam Questions

Question 1:

Solve algebraically the equation

$$7m - 8 = 40 + m.$$

3



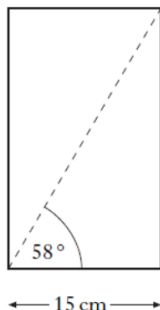
MTH 415a Silver Outcome 1

Question 2:

Calculate the area of the rectangle shown below.

Do not use a scale drawing.

4



MTH 416a Bronze Outcome 2



Question 3:

Multiply out the brackets and simplify

$$5(a + 2b) - 3b.$$

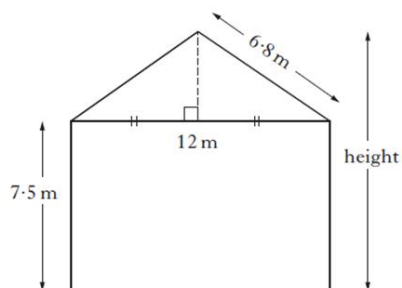
2



MTH 414a Silver Outcome 1

Question 4:

The diagram shows the end view of a building.



Calculate the total height of the building.
Do not use a scale drawing.

4



MTH 416a Silver Outcome 1



Question 5:

(a) Complete the table below for $y = -2x + 5$.

x	-2	0	4
y			

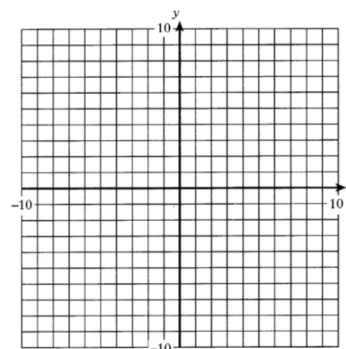
2

(b) Draw the line $y = -2x + 5$ on the grid.

2



MTH 413d Silver Outcome 1



My score: