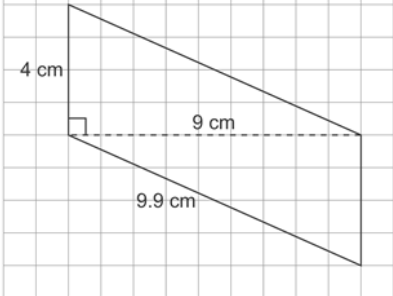
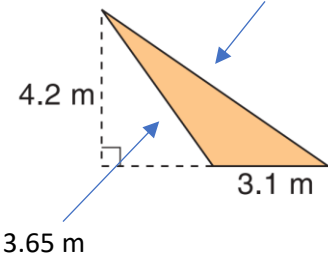
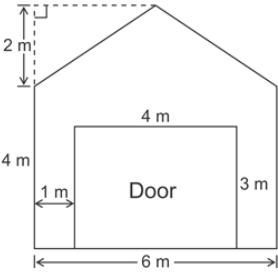


Name: _____

Introduction to Geometry - Unit Test

1. Calculate the area and perimeter of each shape.

		Find the perimeter and area excluding the door. 
Perimeter: Area:	Perimeter: Area:	Perimeter: Area:

2.

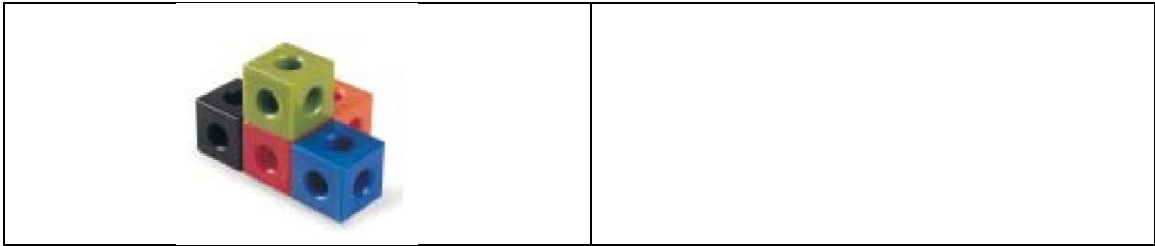
Identify each polygon.

Describe it as many ways as you can.

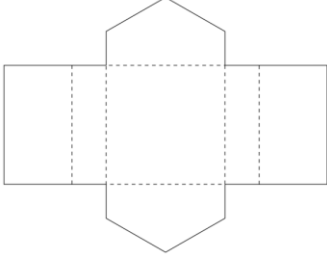


F. Name: Description:	G. Name: Description:	H. Name: Description:	J. Name: Description:
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3. Draw the top, front and side view of each object. You may use isometric dot paper if it helps.



4.

Fold a copy of this net. a) Describe the object. b) Suggest a name for it. c) Sketch the object.	
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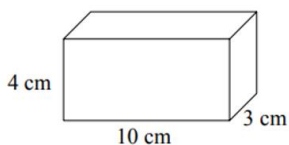
5.

Jason has 36 m of fencing. Here are 3 different ways he can fence his pool:

- a) He makes a square fence.
 - b) The length of the fence is twice its width.
 - c) Jason only needs fencing on three sides. The unfenced side is 8 m.
- i) Draw each fence on grid paper.
 - ii) Calculate the dimensions (eg. Length and width) of each fenced-in area.
 - iii) Find the area of each fenced-in

6.

Calculate the surface area and volume of this rectangular prism.



7. The drama club needs a plywood box with these dimensions: 7- cm by 40 cm by 50 cm. It will be used as a prop in a play.

- a) Draw and label the box?
- b) How much plywood is needed?
- c) Another box is built with each dimension twice as great. How much plywood is needed for this box?