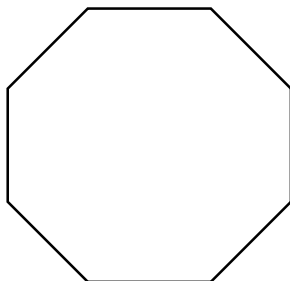


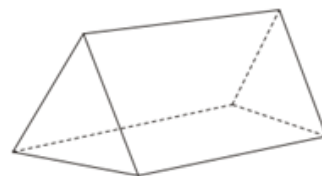
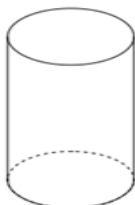
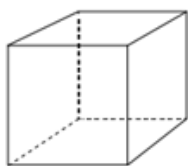
1. Name this polygon.



.....

(1 mark)

2.



Name.....

Name.....

Name.....

Faces.....

Faces.....

Faces.....

Vertices.....

Vertices.....

Vertices.....

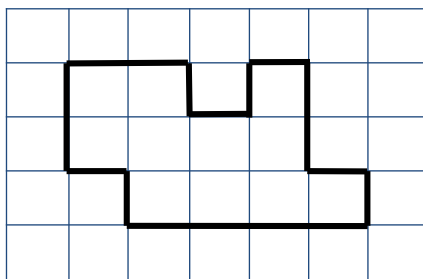
Edges.....

Edges.....

Edges.....

(9 marks)

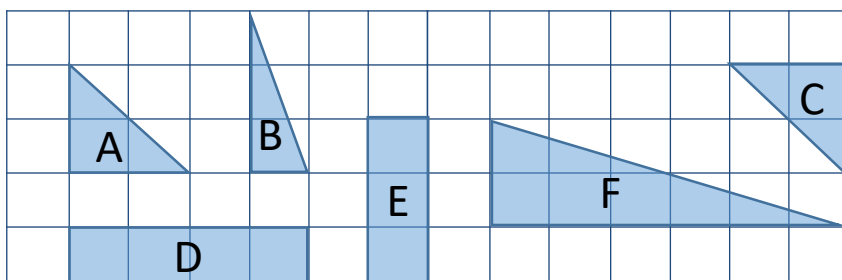
3. Calculate the perimeter of this shape.



.....

(1 mark)

4.

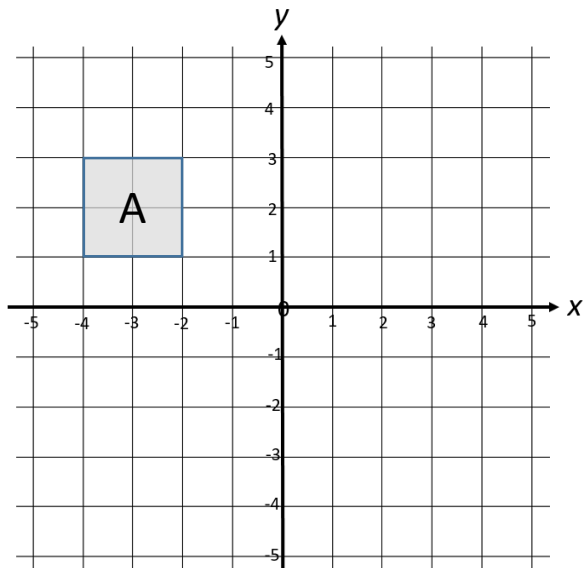


(i) Which two shapes are congruent.and.....

(ii) Which two shapes are similar.and.....

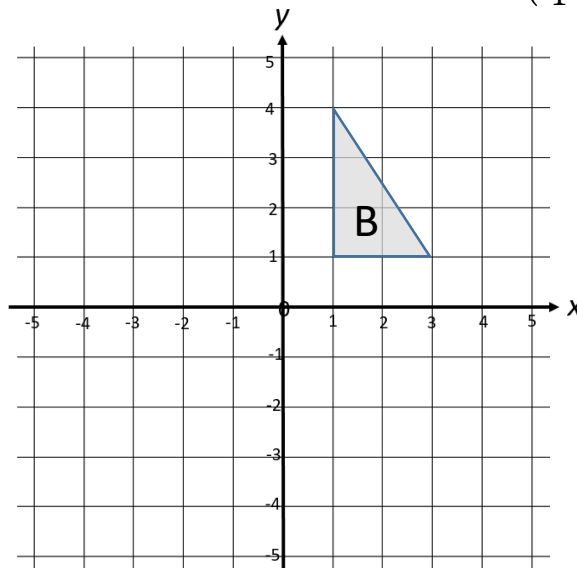
(2 marks)

5. Reflect shape A in the line x axis



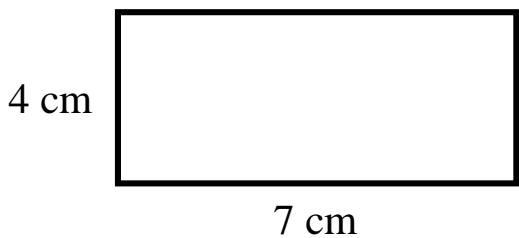
(2 marks)

6. Translate shape B by the vector $\begin{pmatrix} -4 \\ 1 \end{pmatrix}$



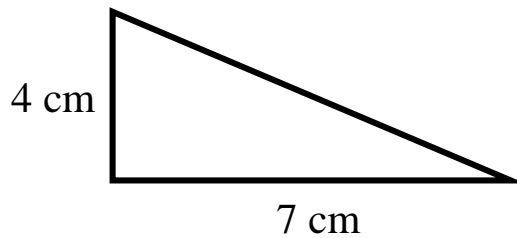
(2 marks)

7. Calculate the area of this shape.



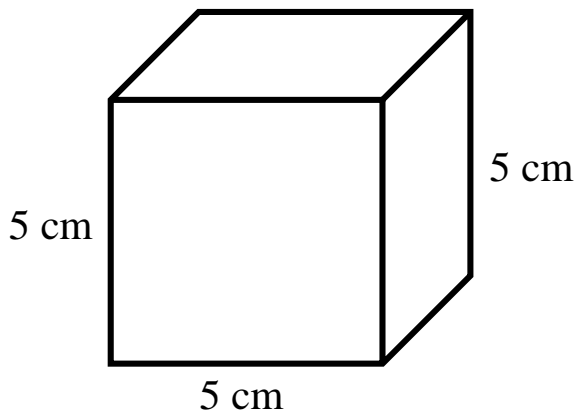
.....
(2 marks)

8. Calculate the area of this shape.



.....
(2 marks)

9. Calculate the volume and surface area of the cube below.



Volume =

Surface area =
(5 marks)

Score =