YEAR - 5 MATHS

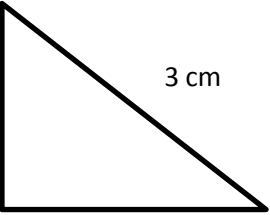### MEASUREMENT

PERIMETER
Perimeter is the distance around the outside of a shape

1. Calculate and record the perimeter of each triangle

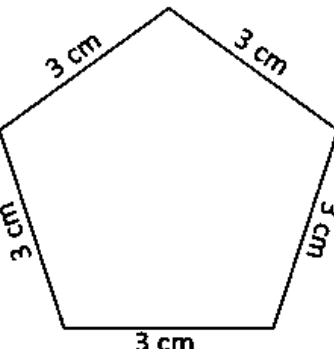| a.	b.	c.
5 cm 5cm 3 cm	3 cm 4 cm 5 cm	7 cm 2 cm 6 cm
P = _____ cm	P = _____ cm	P = _____ cm

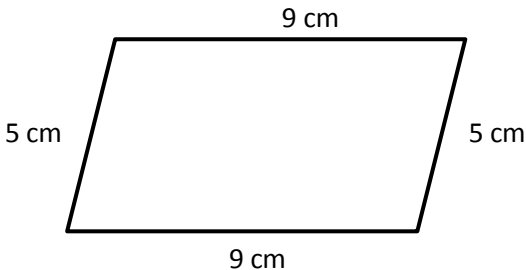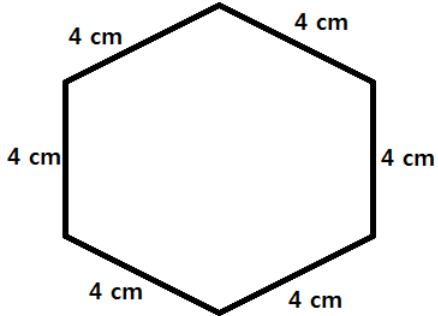Shortcuts can used to find the perimeter of some polygons.

Example: The perimeter of a square with sides 5cm can be found by multiplying the sides by 4.

$$4 \times 5 \text{ cm} = 20 \text{ cm}$$

5 cm
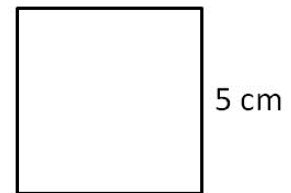
2. Calculate and record the perimeter of each polygon.

a.	b.
3 cm 3 cm 3 cm 3 cm 3 cm	8 cm 3 cm 3 cm 8 cm
P = _____ cm	P = _____ cm

c.

9 cm

5 cm   5 cm

9 cm

P = _____ cm

d.

4 cm   4 cm

4 cm   4 cm

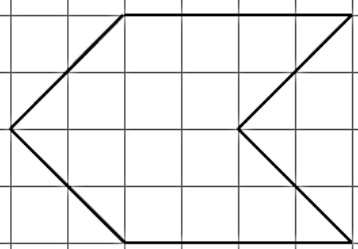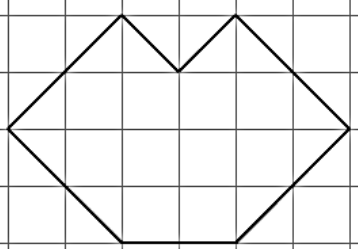4 cm   4 cm

P = _____ cm

AREA

- Area is the amount of surface or the size of the surface.
- Area is measured in squared units.
- Units of area are:
    - square centimetres (cm^2)
    - square metres (m^2)

Count the squares and the half-squares to determine the area of these shapes.

Each square has an area of 1 cm^2.

a.

b.

a. _____ cm^2

b. _____ cm^2