

Polygons

1a. Match the name of the polygon to the correct description.

heptagon

A shape with 5 equal angles and 5 equal length sides

pentagon

A shape with 9 equal angles and 9 equal length sides

nonagon

A shape with 7 equal angles and 7 equal length sides

VF

1b. Match the name of the polygon to the correct description.

decagon

A shape with 8 equal angles and 8 equal length sides

octagon

A shape with 10 equal angles and 10 equal length sides

hexagon

A shape with 6 equal angles and 6 equal length sides

VF

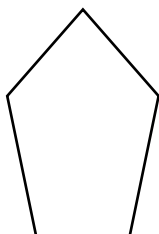
2a. Jim has written some properties about the shape below. Tick the property that is incorrect.

A. is a pentagon

B. 1 line of symmetry

C. has 4 obtuse angles

D. is a regular shape



VF

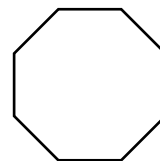
2b. Isla has written some properties about the shape below. Tick the property that is incorrect.

A. is an octagon

B. 8 lines of symmetry

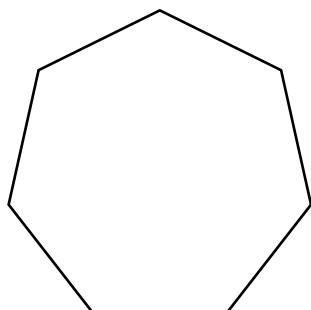
C. Has 8 acute angles

D. is a regular shape



VF

3a. Find the perimeter of this regular polygon.

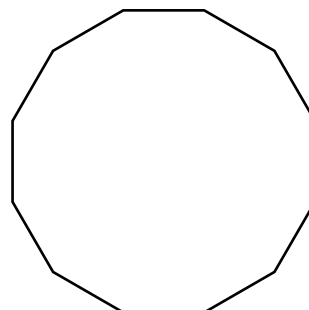


3 cm

Not to scale

VF

3b. Find the perimeter of this regular polygon.

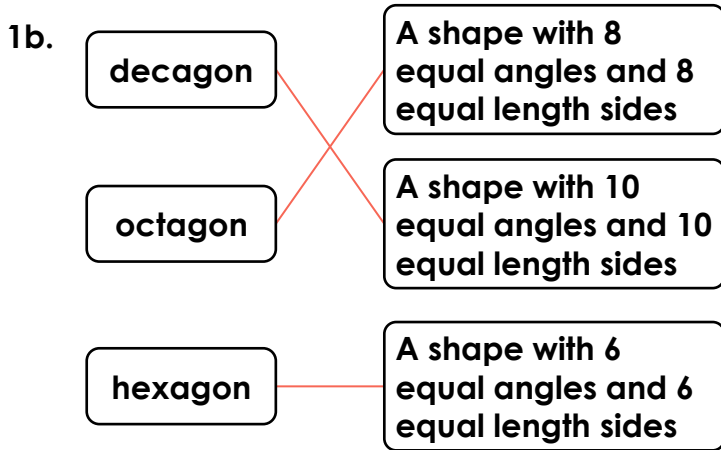
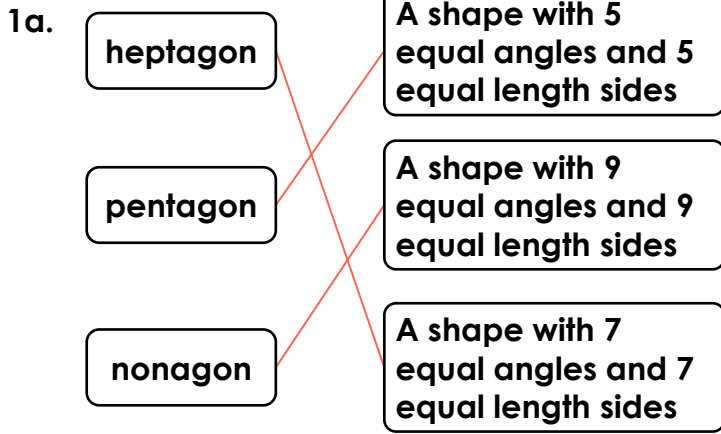


6 cm

Not to scale

VF

Polygons



- 2a. **D**
2b. **C**
3a. **21 cm**
3b. **72 cm**