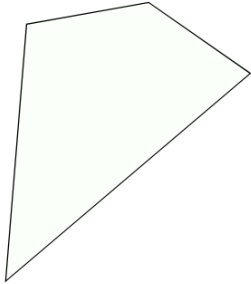




Determine interior angles of regular polygons

1 Name the type of shape



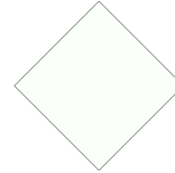
A

Irregular

B

Regular

2 Name the type of shape



A Irregular quadrilateral

B Irregular octagon

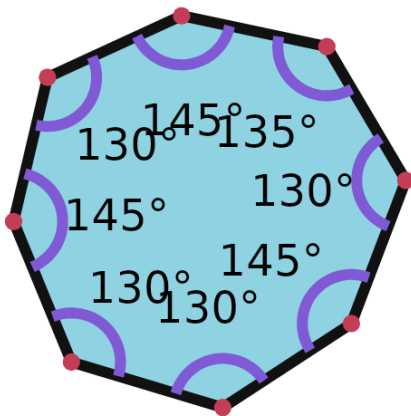
C Regular hexagon

D Regular quadrilateral

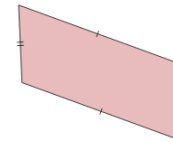
E Regular octagon

F Regular pentagon

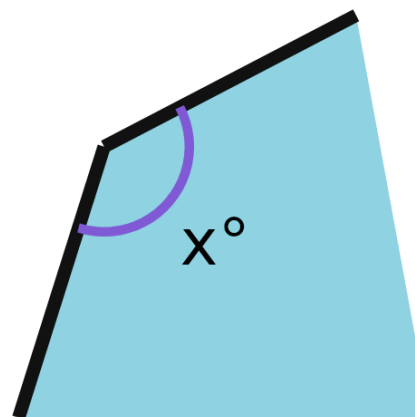
3 What is the rule for the sum of the interior angles of a polygon?

A All angles sum to 720° B All interior angles sum to $(8 - 2) \times 180^\circ$ C All angles sum to 540° D All angles sum to 270° E All angles sum to 180° F All angles sum to $(8 - 3) \times 180^\circ$

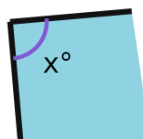
4 What would the sum of the inside angles on this shape be?

A 360° B 300° C 540° D 510° E 240° F 270°

5 This is a regular octagon. What is the interior angle?

A 90° B 60° C 120° D 135° E 108°

6 This is a regular quadrilateral. What is the interior angle?

A 108° B 90° C 135° D 120° E 60°