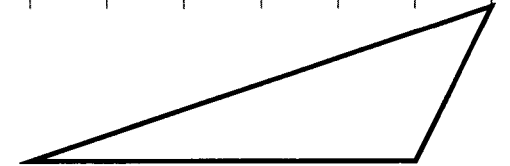
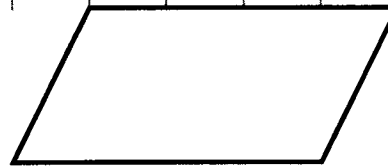
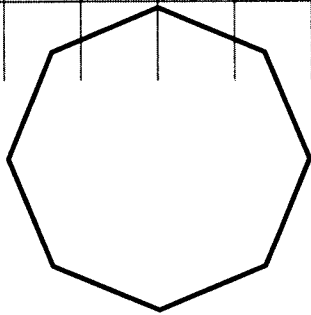
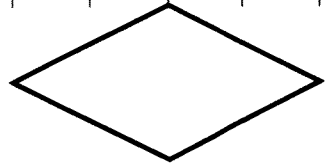
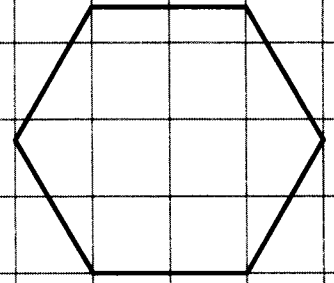
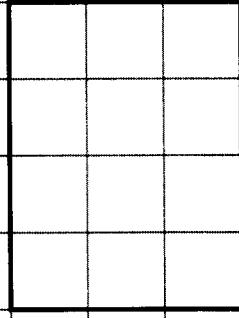
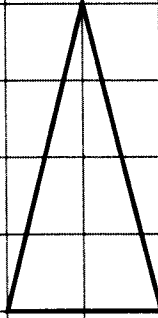
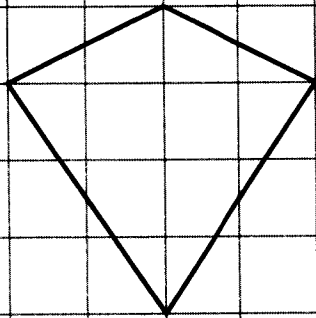
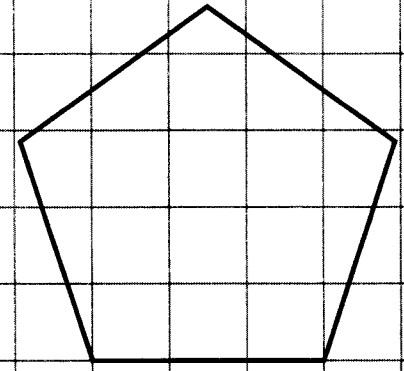
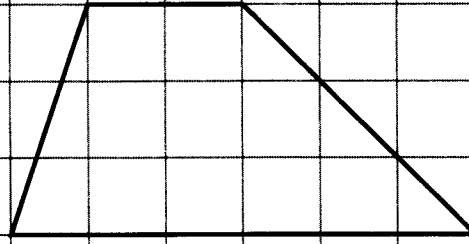
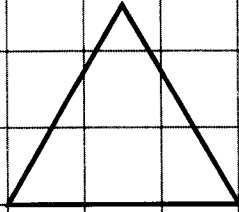
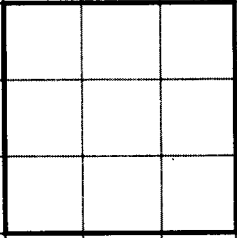


PROPERTIES OF POLYGONS

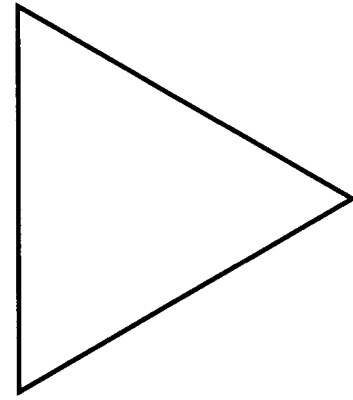
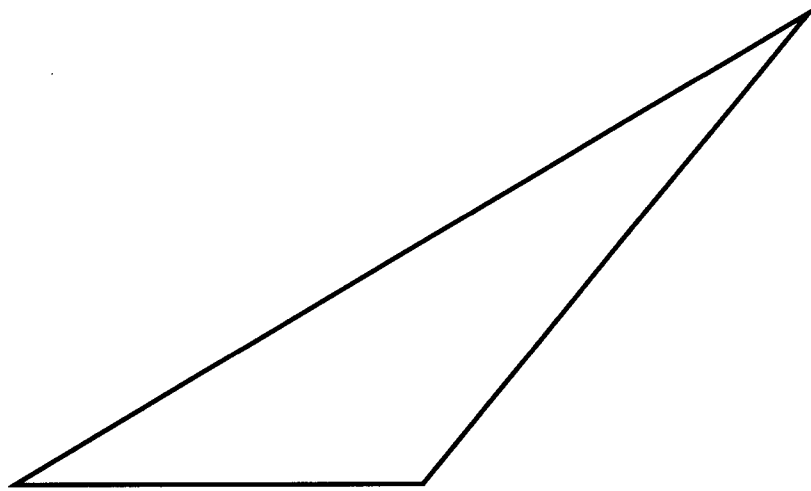
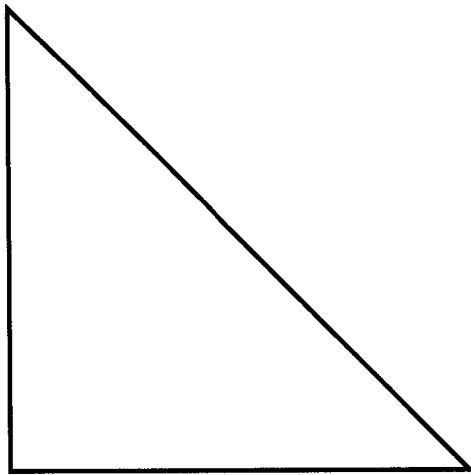
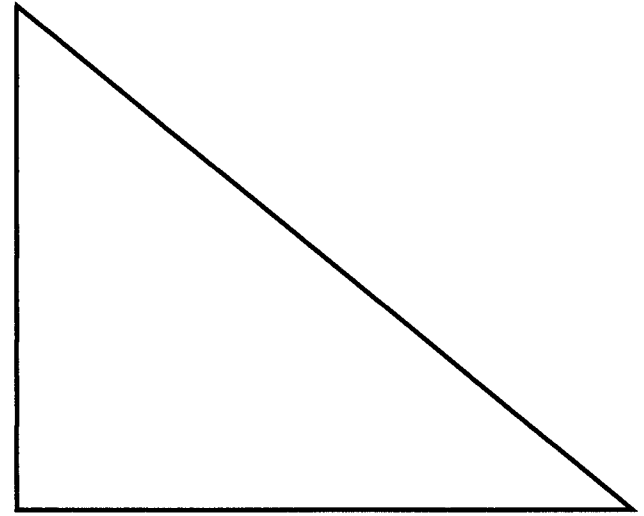
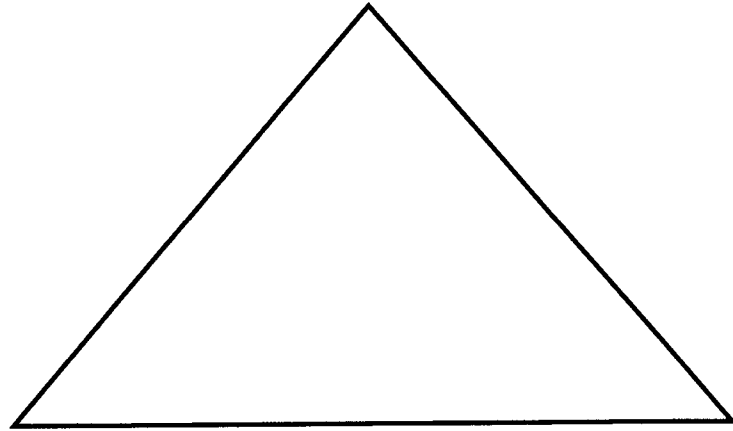
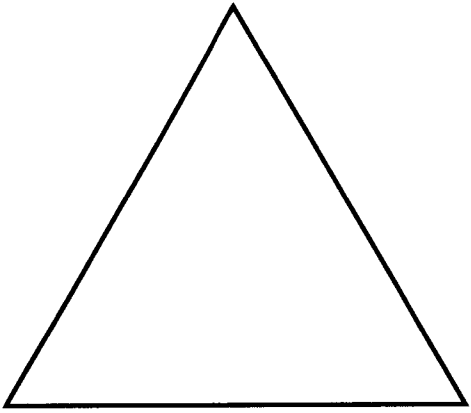
Page	Description
1	Name the polygon
2	Triangles. Measure angles and name
3	Quadrilaterals. Mark equal angles, equal sides and parallel lines
4	Quadrilaterals. Mark parallel sides, write in missing angles and side lengths
5	Quadrilaterals. Plot on a coordinate grid and name
6	Regular polygons. Interior and exterior angles
7	Regular polygons angle puzzle

Name the shapes

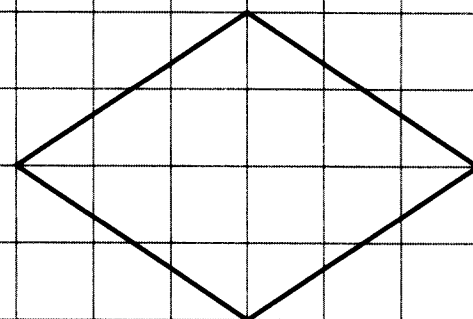
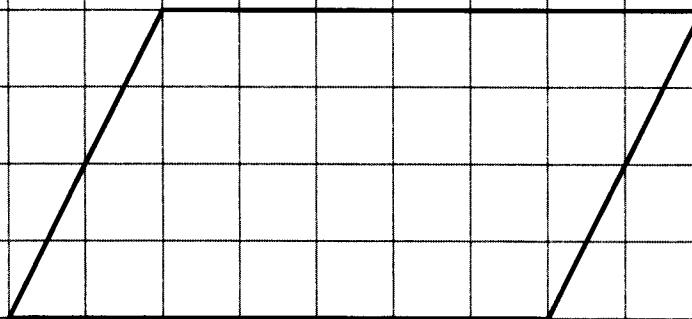
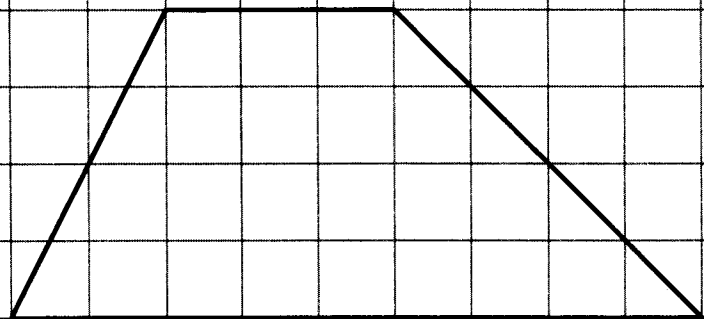
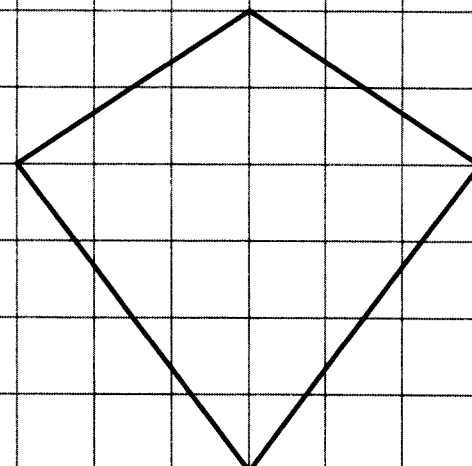
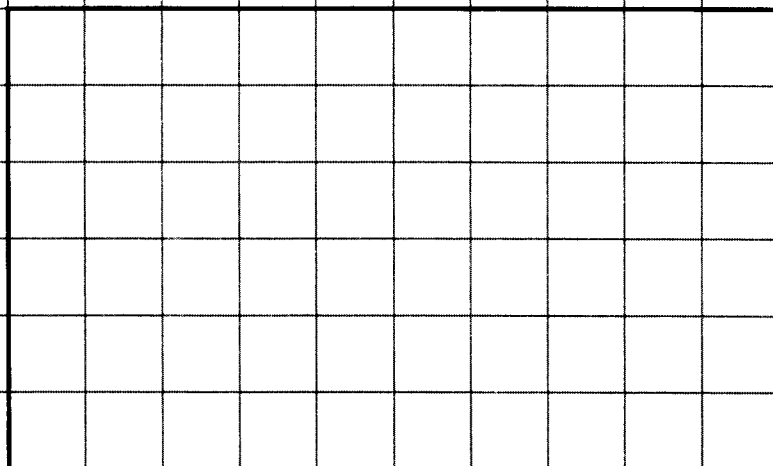
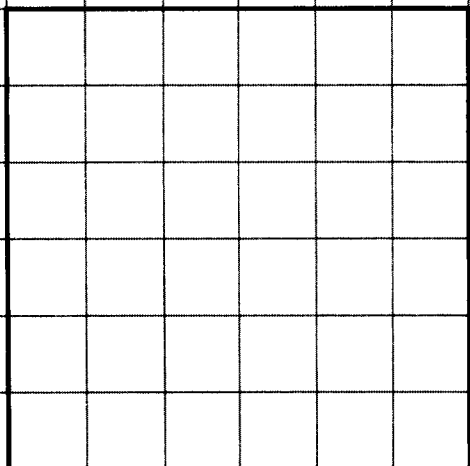


①

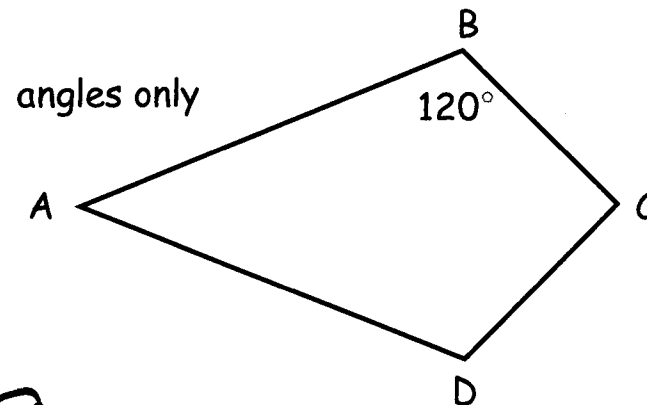
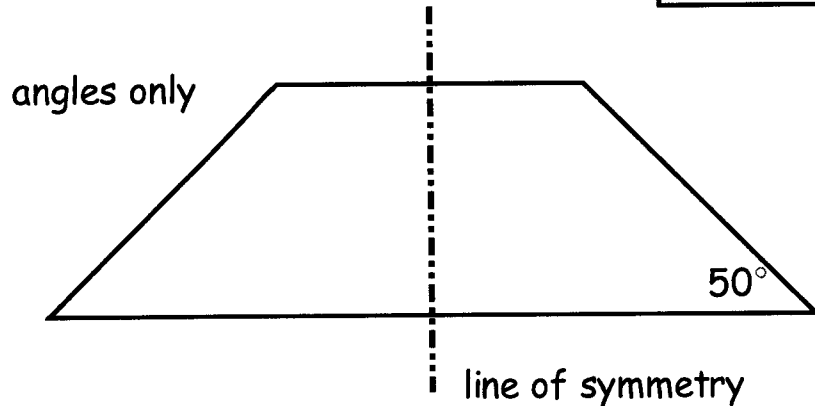
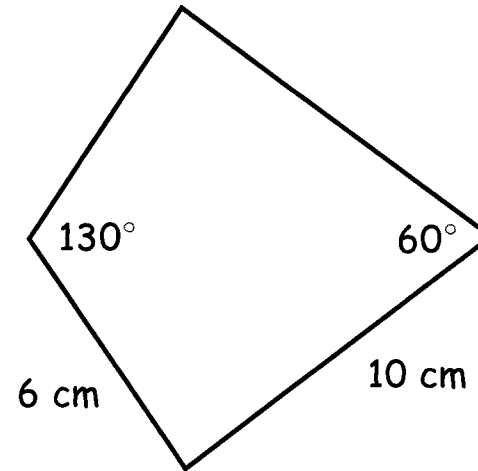
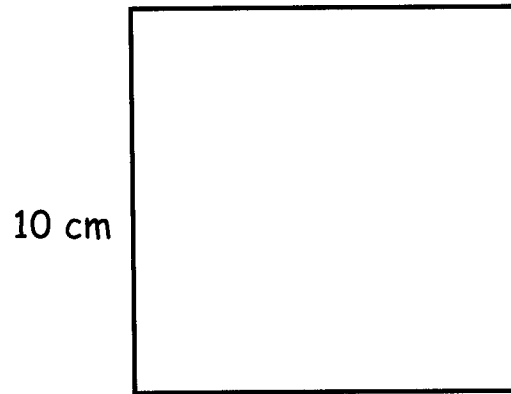
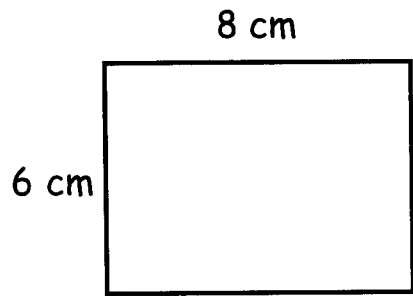
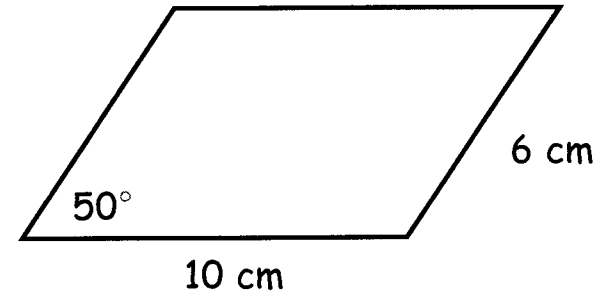
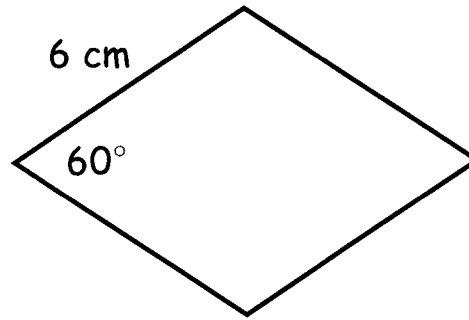
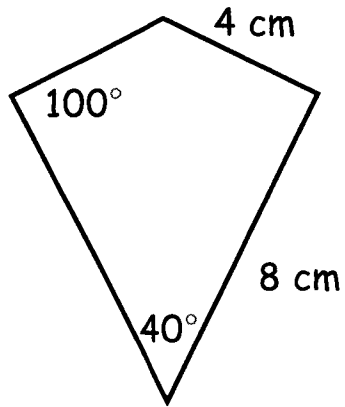
Measure the angles on each of these triangle, to the nearest 5. Name each triangle. Mark any sides that are the same



Name each quadrilateral. Mark sides and angles that are equal. Mark parallel sides

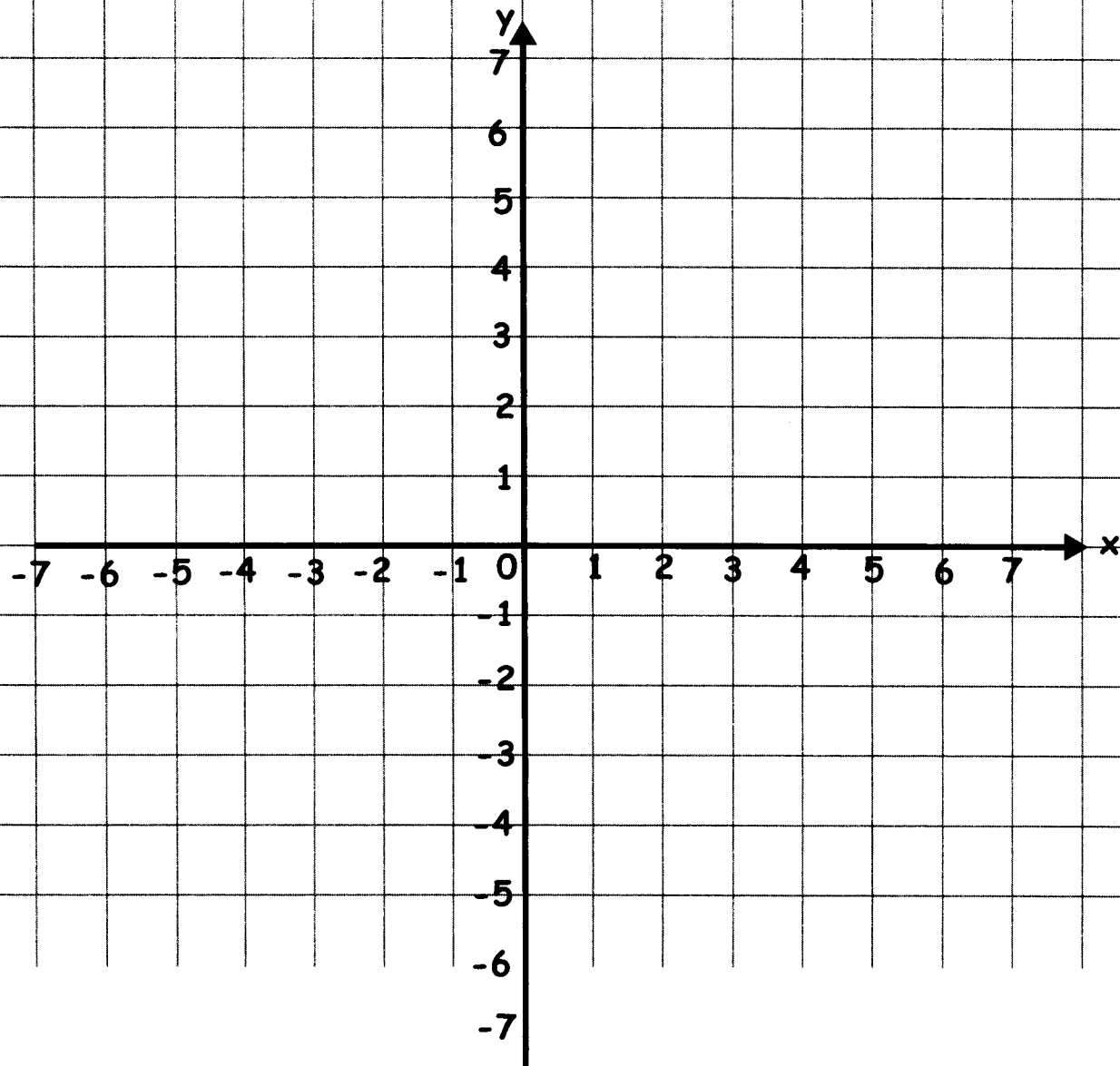


Name the quadrilateral. Mark any parallel sides. Write in the missing angles and sides. The drawings are not to scale



Angle at C twice the angle at A

4



Plot the points.

Either locate the fourth point OR Name the quadrilateral.
Draw each quadrilateral and label it.

1) $(1,2), (2,3), (3,2)$

Name SQUARE Missing coordinate _____

2) $(3,4), (3,6), (7,6)$

Name RECTANGLE Missing coordinate _____

3) $(-4,1), (-6,5), (-4,7)$

Name KITE Missing coordinate _____

4) $(-7,-3), (-4,-2), (-1,-3), (-4,-4)$

Name _____

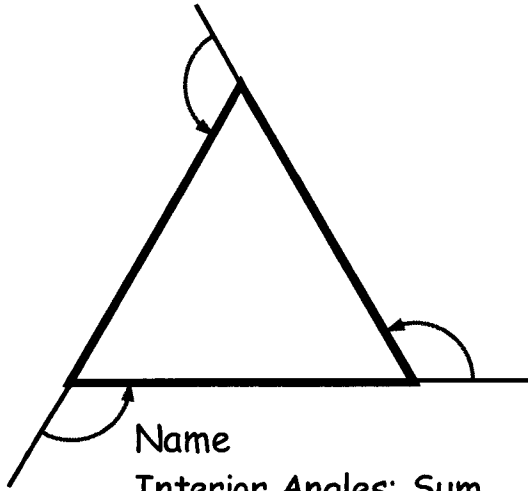
5) $(2,-1), (5,-1), (7,-3), (1,-3)$

Name _____

6) $(1,-6), (2,-4), (7,-4)$

Name PARALLELOGRAM Missing coordinate _____

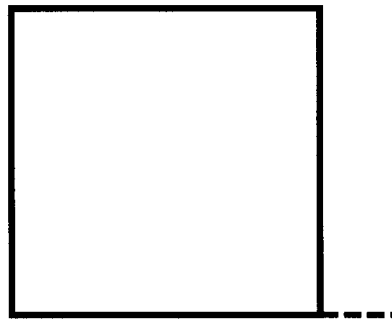
REGULAR POLYGONS



Name

Interior Angles: Sum
One

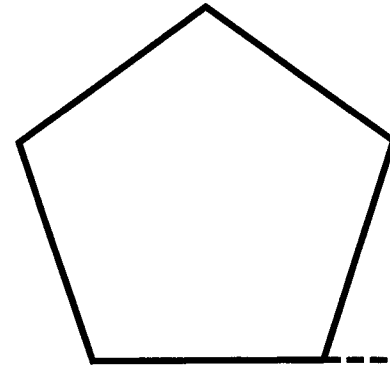
Exterior Angles: Sum
One



Name

Interior Angles: Sum
One

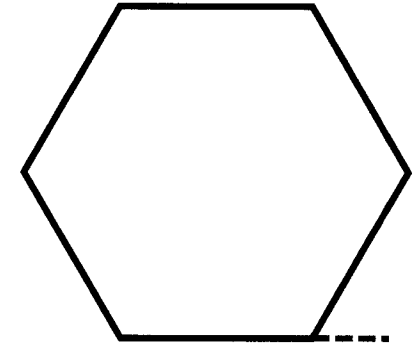
Exterior Angles: Sum
One



Name

Interior Angles: Sum
One

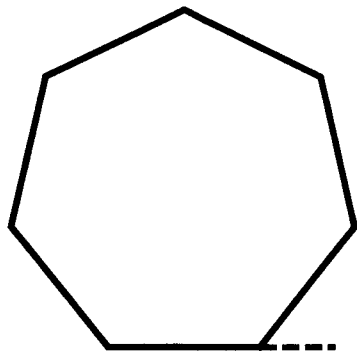
Exterior Angles: Sum
One



Name

Interior Angles: Sum
One

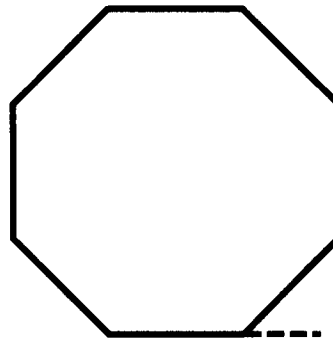
Exterior Angles: Sum
One



Name

Interior Angles: Sum
One

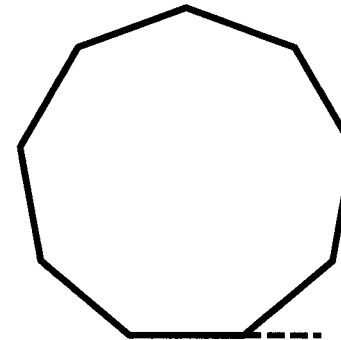
Exterior Angles: Sum
One



Name

Interior Angles: Sum
One

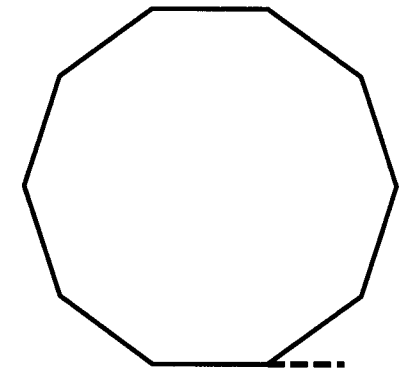
Exterior Angles: Sum
One



Name

Interior Angles: Sum
One

Exterior Angles: Sum
One



Name

Interior Angles: Sum
One

Exterior Angles: Sum
One

Calculate the angles marked with a •
 All polygons are regular

