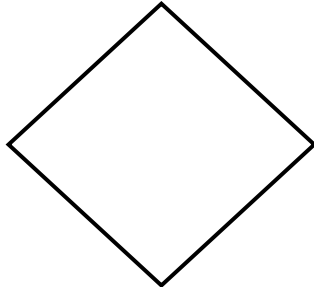


TOPIC 10-6: MORE INTERIOR & EXTERIOR ANGLES

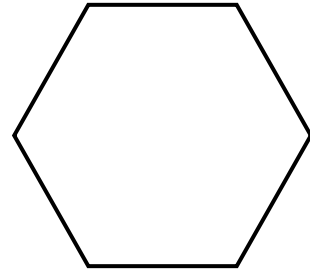
PRACTICE 1

For each of the following polygons, draw all of its exterior angles.

a)



b)



PRACTICE 2

Given a regular nonagon, find the following:

a) Sum of the interior angles:

b) Sum of the exterior angles:

Sum = _____

Sum = _____

c) Measure of each interior angle:

d) Measure of each exterior angle:

Each angle = _____

Each angle = _____

What if you are given the angle measure and asked to find the number of sides? Discuss how you would figure that out.

PRACTICE 3:

The interior angles of a polygon have a sum of 2520° . Find the number of sides.

Number of sides: _____

PRACTICE 4 :

The measure of an exterior angle of a regular polygon is 30° . Find the number of sides.

Number of sides: _____

PRACTICE 5:

The measure of an interior angle of a regular polygon is 144° . Find the number of sides.

Number of sides = _____