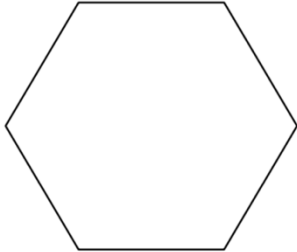


WEEK 5_CHAPTER 7

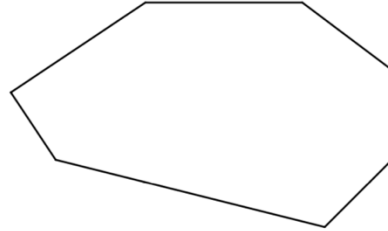
Examples :

1. Determine the sum of the interior angles of the following polygons.

a)



b)

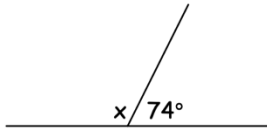


2. Calculate the measure of each interior angle of a regular polygon with 16 sides.

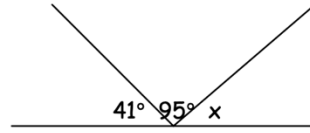
3. The sum of the interior angles of a polygon is 1620° . How many sides does the polygon have?

Find the unknown angle measures.

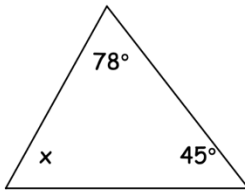
a)



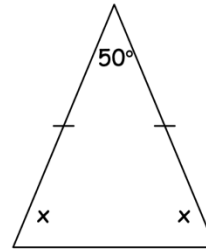
b)



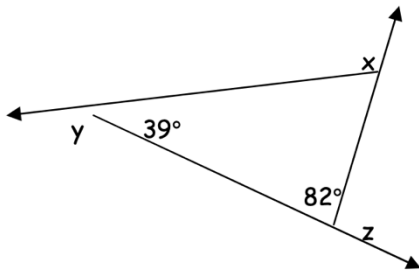
c)



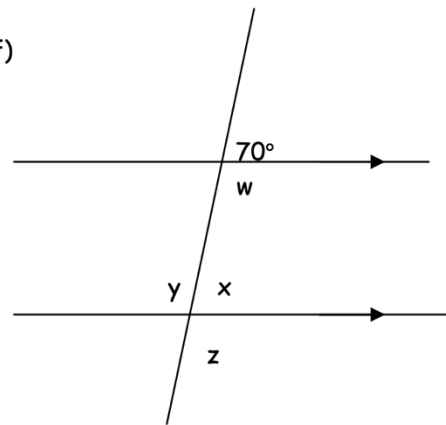
d)



e)

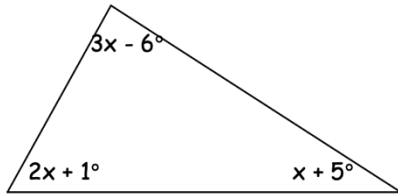


f)

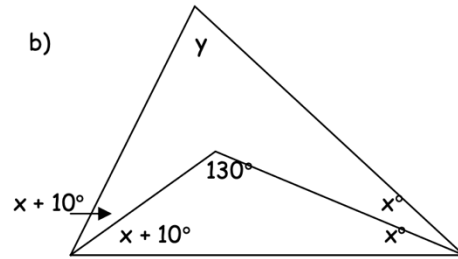


2. Solve for x to find each missing angle measure.

a)



b)



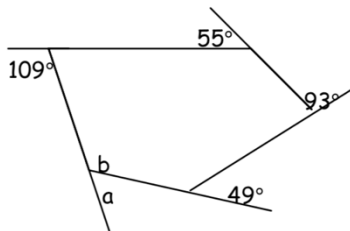
* The sum of the exterior angles of a convex polygon is 360° .

Examples :

2. Determine the measure of each exterior angle in a regular 15-sided polygon.

3. Determine the measure of each missing angle and state the angle property used for each step.

a)



b)

