Chapter 6/Lessons Through 6.2 — Quiz 2

Good Luck to _____ Period _____ Date _____

Complete each statement.

1. The sum of the measures of the n angles of an n-gon is _____.

2. The number of triangles formed in a decagon when all of the diagonals are drawn from one vertex is _____.

3. The sum of the measures of the exterior angles of a 25-gon is _____.

4. The measure of one angle in a regular octagon is _____.

5. If the measure of one exterior angle of a regular polygon is 24°, then the polygon has _____ sides.

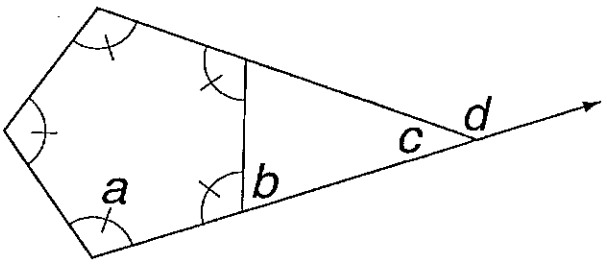
Find the measure of each angle indicated in the figures below.

6. a = _____

   b = _____

   c = _____

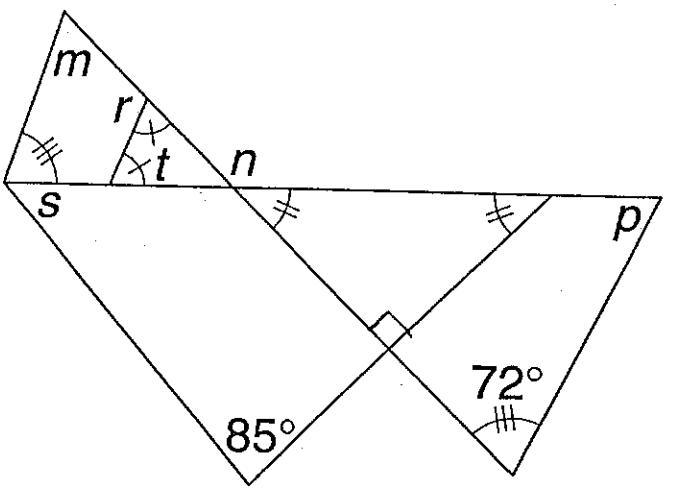
   d = _____



7. m = _____ r = _____

   n = _____ s = _____

   p = _____ t = _____

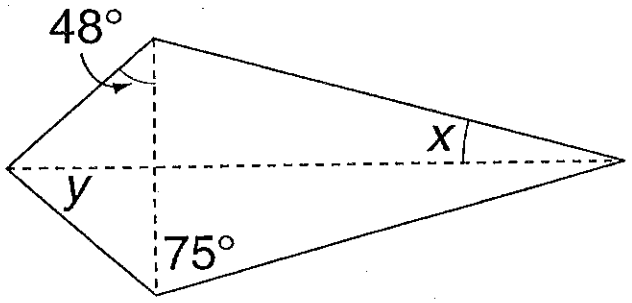


Chapter 6/Lessons Through 6.4 — Quiz 3

Good Luck to _____ Period _____ Date _____

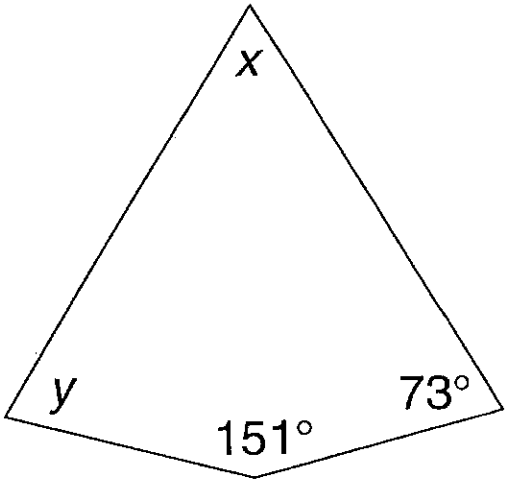
The figures in Problems 1 and 2 are kites. Find x and y for each.

1.



$x =$ _____ $y =$ _____

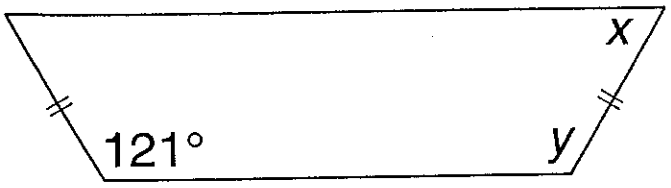
2.



$x =$ _____ $y =$ _____

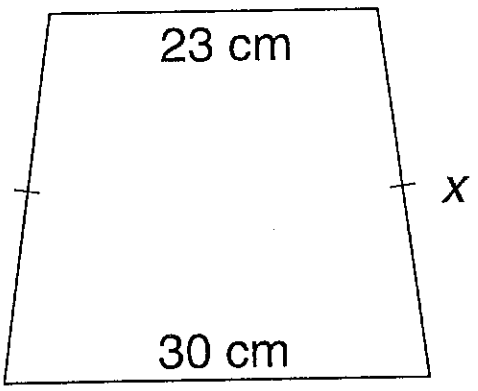
The figures in Problems 3 and 4 are isosceles trapezoids. Find the missing values

3.



$x =$ _____ $y =$ _____

4. Perimeter = 105 cm



$x =$ _____