Additional Practice 9.2

Give the most specific classification possible for each figure.

1.

Trapezoid

2.

3 cm   3 cm

3 cm   3 cm
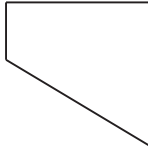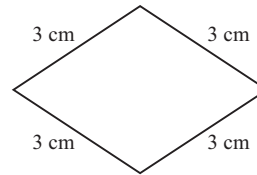
Rhombus

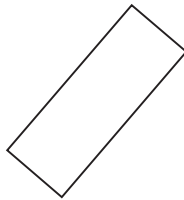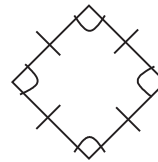**Classify the figure in as many ways as possible.**

3.

Quadrilateral, Parallelogram, Rectangle
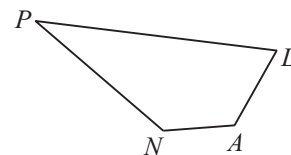
4.

Quadrilateral, Parallelogram, Rectangle, Rhombus, Square

5.   Circle the correct names for the quadrilateral at right.

(PNAL)   PANL   (LANP)   (ALPN)   NPAL

P
L
N   A

Write always, sometimes, or never.

6.   A parallelogram is a trapezoid.

Never

7.   A quadrilateral is a square.

Sometimes

8.   A trapezoid is a quadrilateral.

Always

9. Sketch a trapezoid such that the nonparallel sides are congruent and the parallel sides are perpendicular to the bottom of this page.

10. In parallelogram $ABCD$, $m\angle B + m\angle D = 170°$ and $\angle A \cong \angle C$. Find the measure of $\angle A$.

$\angle A$ **is 95°.**