Quadrilaterals and Other Polygons

Classify each polygon in as many ways as you can.

1. quadrilateral, parallelogram, rectangle

2. quadrilateral, parallelogram, trapezoid

3. quadrilateral, parallelogram, rhombus

4. quadrilateral, parallelogram, rhombus, square, rectangle

Write *polygon* or *not a polygon* to classify each figure. Find the measure of each missing angle.

5. polygon

6. not a polygon

Problem Solving

7. If every square is a rectangle, is every rectangle also a square? Explain.

Show Your Work

No; a rectangle does not have four congruent sides.