Quadrilaterals

Classify each polygon in as many ways as possible.

1.
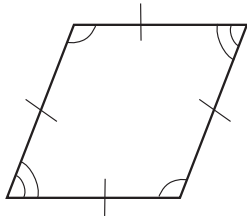
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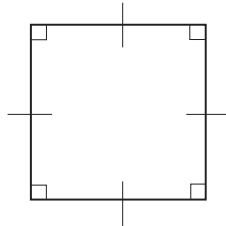
3.

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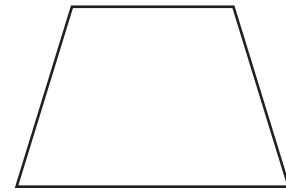_____   _____   _____

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The measures of three angles of a quadrilateral are given. Find the measure of the fourth angle and classify each quadrilateral according to its angles.

4. 125°, 55°, 125°   **5.** 110°, 100°, 80°   **6.** 90°, 70°, 150°

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7. Draw a quadrilateral with one pair of parallel sides. One side is 1.5 in. The other side is 0.5 in. The bottom right and top right angles are 90°. The bottom left angle is 40°. Label the sides and angles.

8. A rhombus has one 65° angle and a 5 cm side. Is this enough information to find the remaining angles and side lengths? Explain.

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9. Which pair of angles would be side-by-side in a parallelogram?

A 40°, 40°   **B** 40°, 140°   **C** 60°, 110°   **D** 65°, 105°

10. Writing to Explain What characteristics help you classify a quadrilateral as a parallelogram and not a rectangle? Explain.

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