

WARM-UP EXERCISES

For use before Lesson 6.6, pages 364–370

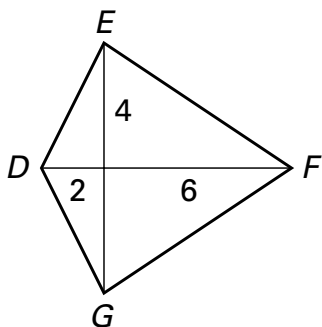
Name the figure.

1. a quadrilateral with exactly one pair of opposite angles congruent and perpendicular diagonals
 2. a quadrilateral that is both a rhombus and a rectangle
 3. a quadrilateral with exactly one pair of parallel sides
 4. any parallelogram with perpendicular diagonals
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DAILY HOMEWORK QUIZ

For use after Lesson 6.5, pages 356–363

1. In isosceles trapezoid $EFGH$, $m\angle E = 106^\circ$, and $\overline{EH}$ is a base. What are the measures of the other angles?
2. A nonisosceles trapezoid has one base of length 37 and a midsegment of length 29. What is the length of the second base?
3. To the nearest hundredth, what are the lengths of the sides of the kite?



4. Determine whether the points $A(-3, 1)$, $B(-1, 5)$, $C(3, 7)$, and $D(5, -2)$ are the vertices of a kite. Explain.