

Comparing and Classifying Quadrilaterals

NCTM Standards 3, 7, 9

Circle the names of all the quadrilaterals for which the sentence is correct.

1 This shape has **4 sides**.

trapezoid rhombus square parallelogram rectangle kite

2 This shape has **4 congruent angles**.

trapezoid rhombus square parallelogram rectangle kite

3 This shape has **4 congruent sides**.

trapezoid rhombus square parallelogram rectangle kite

4 This shape has **two pairs of parallel sides**.

trapezoid rhombus square parallelogram rectangle kite

5 This shape has **two pairs of congruent sides**.

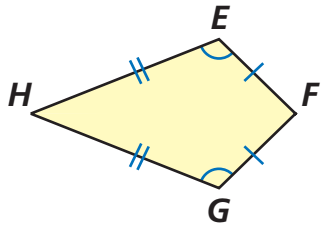
trapezoid rhombus square parallelogram rectangle kite

6 This shape always **includes a right angle**.

trapezoid rhombus square parallelogram rectangle kite

Answer the questions about the attributes of these quadrilaterals. To find all the lines of symmetry, trace the figures and fold the copies.

7 Quadrilateral *EFGH*

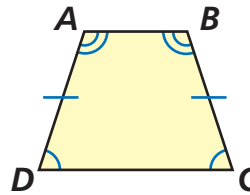


Draw all lines of symmetry on the figure.

Number of **pairs** of congruent sides: ____

Number of **pairs** of congruent angles: ____

8 Quadrilateral *ABCD*

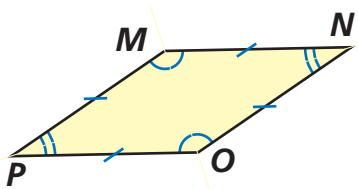


Draw all lines of symmetry on the figure.

Number of **pairs** of parallel sides: ____

Number of **pairs** of congruent angles: ____

9 Quadrilateral *MNOP*



Draw all lines of symmetry on the figure.

Number of congruent sides: ____

Number of **pairs** of congruent angles: ____

10 Quadrilateral *QRST*



Draw all lines of symmetry on the figure.

Number of **pairs** of congruent sides: ____

Number of **pairs** of perpendicular sides: ____

11 Challenge Quadrilateral *UVWX*

Draw all lines of symmetry on the figure.

Number of congruent sides: ____

Number of **pairs** of perpendicular sides: ____

