4
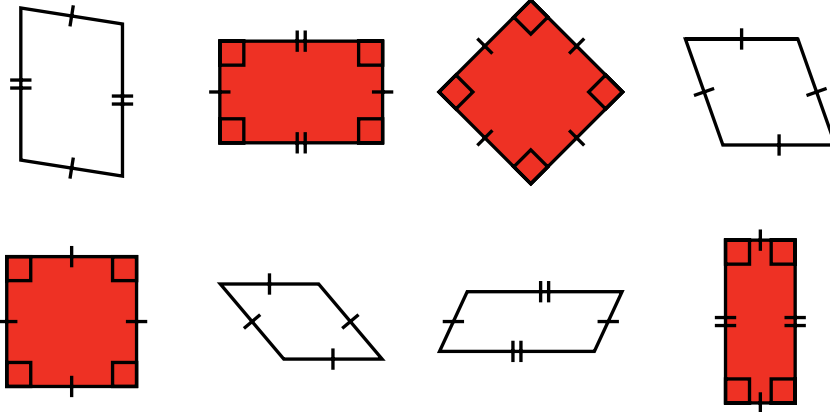
Name _____ Date _____

1. Consider the parallelograms shown.

a. Circle each rhombus.

b. Use red to color each rectangle.

2. Identify each statement as a property of rhombuses only, rectangles only, or both rhombuses and rectangles.

Statement	Rhombus Only	Rectangle Only	Rhombus and Rectangle
Opposite sides are parallel.			
All sides are the same length.			
There are at least 2 lines of symmetry.			
Diagonals are the same length.			
Opposite angles have the same measure.			
There are 4 right angles.			
Diagonals are lines of symmetry.			

For problems 3–6, draw a figure with the properties listed if it is possible. If it is not possible, explain why.

3. Draw a rectangle with 4 sides of the same length.

4. Draw a rectangle that is not a parallelogram.

5. Draw a rhombus with exactly 1 pair of parallel sides.

6. Draw a rhombus that is also a rectangle.