



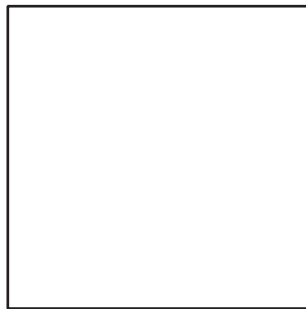
# Rectangles and Squares

Let's learn more about rectangles and squares.

Warm-up

## What Do You Know about This Shape?

What do you know about this shape?



## Activity 1

### Quadrilateral Clues

Your teacher will give you a set of cards that show quadrilaterals.

Spread out your cards so you and your partner can see all of them.

Work together to find a quadrilateral that fits each clue. If you don't think it's possible to find that quadrilateral, explain why. Each quadrilateral can only be used for one clue.

1. Find a rhombus that is also a square.
2. Find a quadrilateral that is *not* a parallelogram.
3. Find a rectangle that is *not* a square.
4. Find a rhombus that is *not* a square.
5. Find a square that is *not* a rectangle.
6. Find a trapezoid that is *not* a rectangle.
7. Find a parallelogram that is *not* a rectangle.



## Activity 2

### Always, Sometimes, Never

Write "always," "sometimes," or "never" in each blank to make the statements true.

For each statement that is completed with "sometimes," draw a figure for which the statement is true and another figure for which the statement is false.

1. A rhombus is \_\_\_\_\_ a square.
2. A square is \_\_\_\_\_ a rhombus.
3. A triangle is \_\_\_\_\_ a quadrilateral.
4. A square is \_\_\_\_\_ a rectangle.
5. A rectangle is \_\_\_\_\_ a parallelogram.
6. A parallelogram is \_\_\_\_\_ a rhombus.
7. A trapezoid is \_\_\_\_\_ a parallelogram.

