Unit 7, Lesson 7

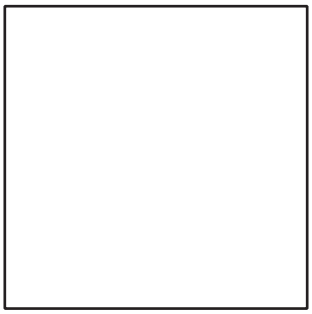
Rectangles and Squares

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.