

MY Homework

Lesson 4

Quadrilaterals

Homework Helper



Need help? connectED.mcgraw-hill.com

A tour bus is shown at the right. Describe the attributes of the quadrilateral outlined in yellow. Then classify it.

The quadrilateral has opposite sides that are equal in length and parallel.

It has four right angles.

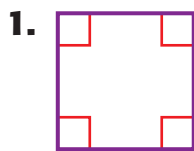
So, the quadrilateral is a rectangle.



Lady Liberty!

Practice

Describe the attributes of each quadrilateral. Then classify the quadrilateral.





3. Circle the quadrilateral(s) that do *not* have all the attributes of a parallelogram.

rectangle

rhombus

square

trapezoid



Problem Solving

Mathematical PRACTICE 7

Identify Structure Check all the quadrilaterals that have the given attributes.

4. Both pairs of opposite sides are parallel.

- parallelogram
- rhombus
- rectangle
- square
- trapezoid

6. There are four right angles.

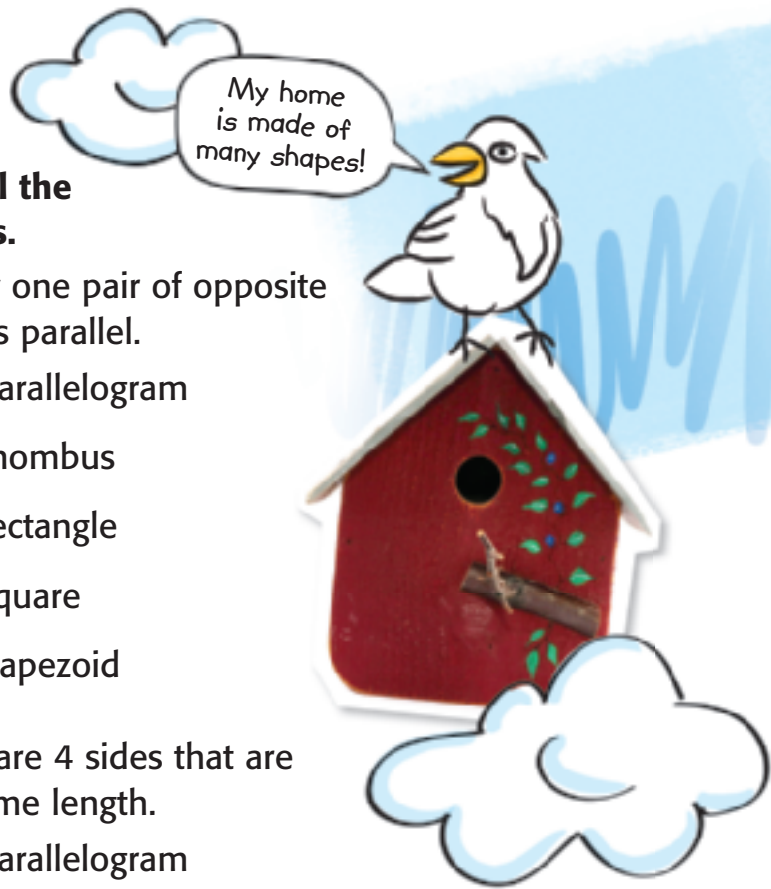
- parallelogram
- rhombus
- rectangle
- square
- trapezoid

5. Exactly one pair of opposite sides is parallel.

- parallelogram
- rhombus
- rectangle
- square
- trapezoid

7. There are 4 sides that are the same length.

- parallelogram
- rhombus
- rectangle
- square
- trapezoid



Vocabulary Check

Fill in each blank with a word that makes each sentence true.

8. A square is a parallelogram with _____ right angles and four sides that are the same length.
9. Sides that are the same distance apart are _____ sides.

Test Practice

10. Which of these shapes appears to be a quadrilateral, but *not* a parallelogram?

- (A)  (B)  (C)  (D) 