WORLD BOOK
Building Blocks of Math

Name:_____
Date:_____
Class:_____

Keeping busy

Ashley never stops being active in sports! As soon as one season is over, she starts something new. So, she has many labels: athlete, basketball player, volleyball player, tennis player, gymnast, pitcher, and swimmer.

Quadrilaterals are like that, too.
They have many labels.

All quadrilaterals have four sides.
But a four-sided figure can show up
in many "uniforms" or different "looks."

Which figures match each description?
(There may be more than one.)

1. All angles are right angles, but all sides are not equal. _____
2. Only one pair of opposite sides is parallel. _____
3. A rectangle with all sides equal _____
4. A figure with two pairs of opposite sides parallel _____
5. A parallelogram with all sides the same length _____
6. All sides are equal, but all angles may not be equal. _____

trapezoid
square
quadrilateral
parallelogram
rhombus
rectangle

Write (T) TRUE or (F) FALSE next to each statement.

____ 1. All squares are rectangles.
____ 2. All rectangles are quadrilaterals.
____ 3. No rhombuses are trapezoids.
____ 4. Rectangles have no right angles.
____ 5. All rectangles are squares.
____ 6. A square is a rectangle.
____ 7. All squares are rhombuses.
____ 8. A trapezoid is a quadrilateral.
____ 9. All parallelograms are rectangles.
____ 10. All rhombuses are squares.

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