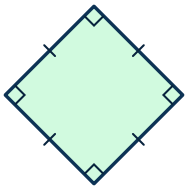
Shape Categories

Grade 3 Math Worksheet - Challenge Me

Name _____ Date _____

Circle the answer, or write the answer on the line.

1. Ana says this is not a square because it is turned. Is she right?



yes, a square must sit flat on a side

no, it has 4 equal sides and 4 right angles

no, it is a rectangle with unequal sides

yes, it is a rhombus, not a square

2. How many of these shapes are always rectangles: square, rhombus, trapezoid, rectangle?

_____

3. Sam drew a shape with 4 equal sides and 4 right angles. Which names fit it?

square and rectangle only

square only

square, rhombus and rectangle

square and rhombus only

4. Which shape belongs in the rhombus group but not the rectangle group?

a rectangle with two long sides

a square

a square turned onto a corner

a rhombus with no right angles

5. Which attribute do all squares, rectangles and rhombuses share?

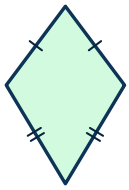
only one pair of sides is equal

all four angles are right angles

opposite sides are equal

all four sides are equal

6. Mia must draw a quadrilateral that is not a rectangle, rhombus or square. Does this shape work?



no, it has four sides, so it is a rhombus

yes, no right angles and not all sides equal

no, it is a square turned on its side

no, two pairs of equal sides make a rectangle

7. Which shape is always both a rhombus and a rectangle?

rectangle trapezoid square rhombus

8. A quadrilateral has 4 equal sides. Which must be true?

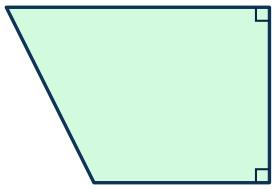
it is a rectangle it is a square it has 4 right angles it is a rhombus

9. Which statement about squares and rhombuses is true?

a square has unequal sides no rhombus is a square every rhombus is a square

every square is a rhombus

10. Small squares show right angles. Why is this shape not a rectangle?



a rectangle has only two right angles

a rectangle has no right angles

a rectangle needs four right angles

a rectangle needs four equal sides

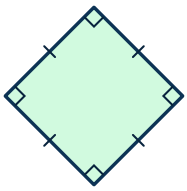
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Shape Categories

Answer Key - Grade 3 Math Worksheet - Challenge Me

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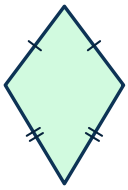
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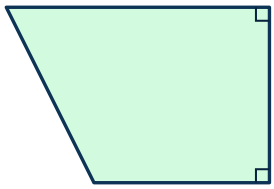
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