Shape Categories

Grade 3 Math Worksheet - Challenge Me

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Name _____ Date _____

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

1. A quadrilateral has 4 right angles. Which must be true?

   it has 4 equal sides it is a rhombus it is a square it is a rectangle

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

   square, rhombus and rectangle

   square only

   square and rectangle only

   square and rhombus only

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

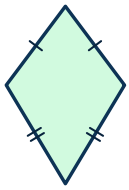
   opposite sides are equal

   all four sides are equal

   only one pair of sides is equal

   all four angles are right angles

4. Tick marks show equal sides. How many pairs of equal sides does this shape have?



_____

5. Which statement about squares and rhombuses is true?

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

   every rhombus is a square

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

   a square

   a square turned onto a corner

   a rectangle with two long sides

   a rhombus with no right angles

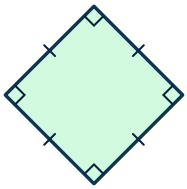
7. A quadrilateral has 4 equal sides. Which must be true?

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

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

_____

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



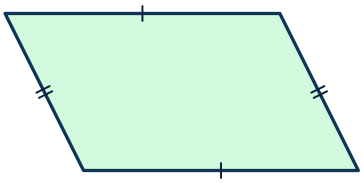
yes, a square must sit flat on a side

yes, it is a rhombus, not a square

no, it has 4 equal sides and 4 right angles

no, it is a rectangle with unequal sides

10. Kim says this shape is a rhombus because it has four sides. Is she right?



no, a rhombus must have right angles

yes, all rhombuses have four sides

no, its sides are not all equal

yes, its opposite sides are equal

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Answer Key - Grade 3 Math Worksheet - Challenge Me

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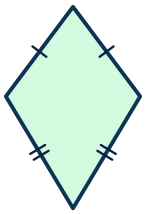
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   2

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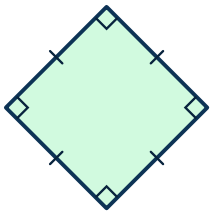
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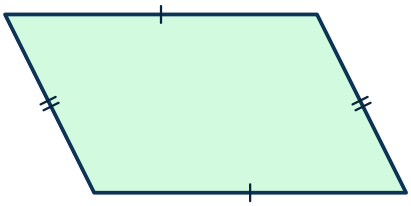
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