Shape Categories

Grade 3 Math Worksheet - Challenge Me

PencilGo

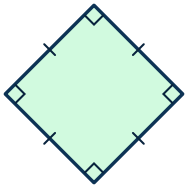
Name _____ Date _____

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

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

   _____

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



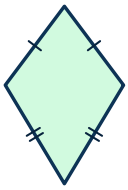
   yes, a square must sit flat on a side

   no, it is a rectangle with unequal sides

   yes, it is a rhombus, not a square

   no, it has 4 equal sides and 4 right angles

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



   no, it is a square turned on its side

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

   yes, no right angles and not all sides equal

   no, two pairs of equal sides make a rectangle

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

   rectangle rhombus square trapezoid

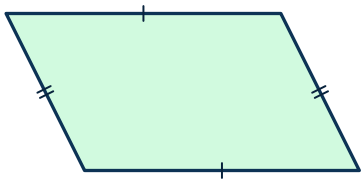
5. A quadrilateral has 4 right angles. Which must be true?

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

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

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

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



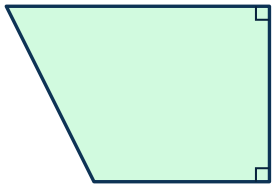
yes, its opposite sides are equal

yes, all rhombuses have four sides

no, its sides are not all equal

no, a rhombus must have right angles

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



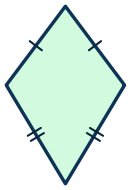
a rectangle needs four equal sides

a rectangle has no right angles

a rectangle needs four right angles

a rectangle has only two right angles

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



_____

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

square and rhombus only

square only

square, rhombus and rectangle

square and rectangle only

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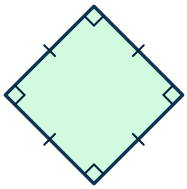
Answer Key - Grade 3 Math Worksheet - Challenge Me

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

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   2

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



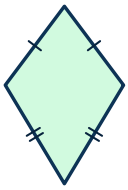
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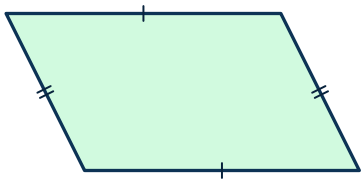
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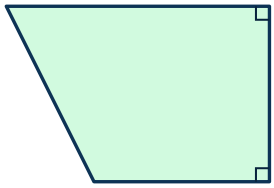
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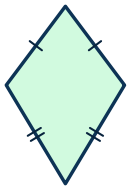
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