Shape Categories

Grade 3 Math Worksheet - Challenge Me

Name _____ Date _____

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

1. Which statement about squares and rhombuses is true?

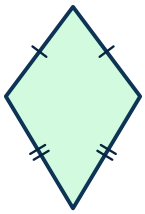
every square is a rhombus every rhombus is a square no rhombus is a square

a square has unequal sides

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

rectangle trapezoid rhombus square

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



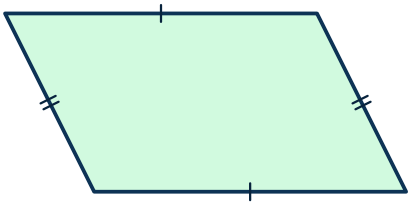
no, it is a square turned on its side

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

no, two pairs of equal sides make a rectangle

yes, no right angles and not all sides equal

4. 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, a rhombus must have right angles

no, its sides are not all equal

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

all four sides are equal

only one pair of sides is equal

opposite sides are equal

all four angles are right angles

6. 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

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

_____

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

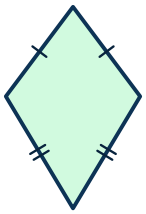
square and rhombus only

square and rectangle only

square only

square, rhombus and rectangle

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



_____

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

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

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Answer Key - Grade 3 Math Worksheet - Challenge Me

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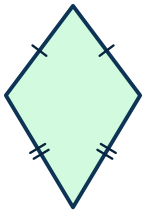
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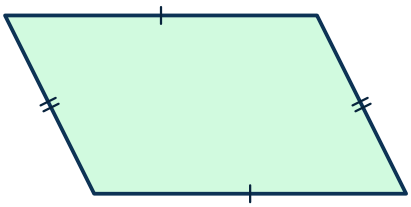
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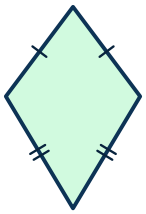
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