Shape Categories

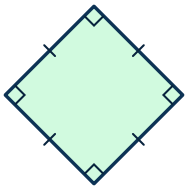
Grade 3 Math Worksheet - Challenge Me

PencilGo

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?



no, it has 4 equal sides and 4 right angles

no, it is a rectangle with unequal sides

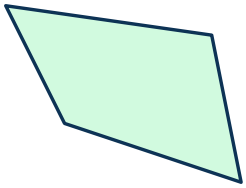
yes, it is a rhombus, not a square

yes, a square must sit flat on a side

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

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

3. Which group does this shape belong to?

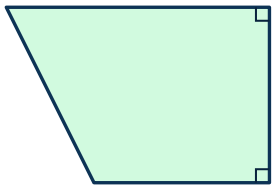


quadrilaterals only squares and rectangles rhombuses rectangles

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

_____

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



a rectangle has no right angles

a rectangle has only two right angles

a rectangle needs four right angles

a rectangle needs four equal sides

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

a square

a rhombus with no right angles

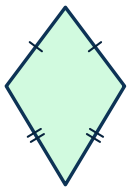
a square turned onto a corner

a rectangle with two long sides

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

rectangle trapezoid square rhombus

8. 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

no, it is a square turned on its side

yes, no right angles and not all sides equal

no, two pairs of equal sides make a rectangle

9. 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

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

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

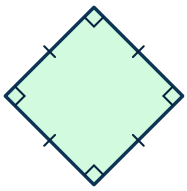
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Answer Key - Grade 3 Math Worksheet - Challenge Me

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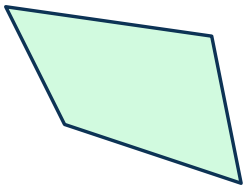
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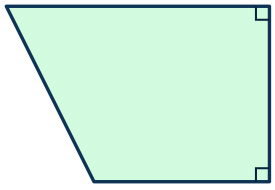


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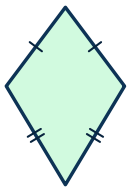
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