Shape Categories

Grade 3 Math Worksheet

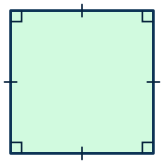
Name _____ Date _____

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

1. Which shape always has four equal sides and four right angles?
   square rhombus rectangle trapezoid

2. Which statement is true?
   every rhombus is a square
   every rectangle is a square
   no square is a rhombus
   every square is a rectangle

3. Why is this square also a rectangle?

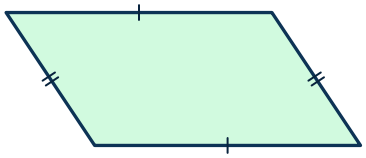


   it has four right angles
   it has only two right angles
   it has two long and two short sides
   it has no equal sides

4. A shape has 4 sides and 4 right angles. Only its opposite sides are equal. What is it?
   square rhombus rectangle trapezoid

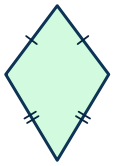
5. Which is true about every rhombus?
   it has four right angles
   it has only two equal sides
   it is a square
   it has four equal sides

6. Tick marks show equal sides. Which name fits this shape?



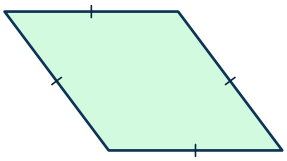
   square rhombus quadrilateral rectangle

7. Look at the tick marks. Which is true about this shape?



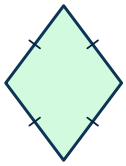
sides next to each other are equal
it has four right angles
all four sides are equal
opposite sides are equal

8. This shape has four sides but is not a rectangle. Why?



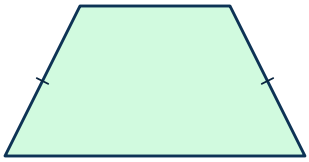
it has two long sides it is turned on its side it has no right angles
it has only three corners

9. Tick marks show equal sides. Which attribute proves this shape is a rhombus?



it has four equal sides
it has four right angles
it has two long and two short sides
only one pair of sides is equal

10. Tick marks show equal sides. How many sides of this shape are marked equal?



_____

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Answer Key - Grade 3 Math Worksheet

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2. Which statement is true?

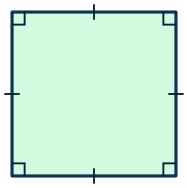
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   every rectangle is a square

   no square is a rhombus

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3. Why is this square also a rectangle?



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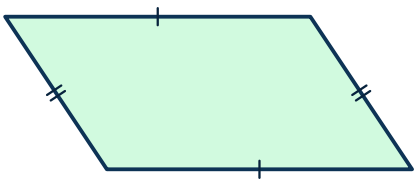
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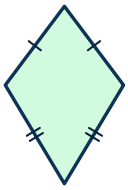
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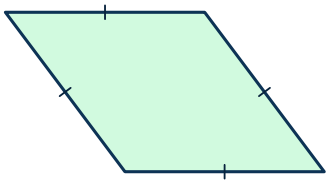
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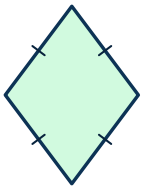
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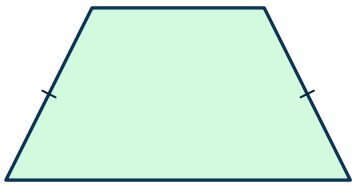
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