# Shape Categories

Grade 3 Math Worksheet

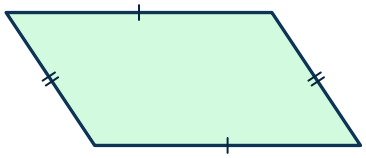
Name _____ Date _____

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

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

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

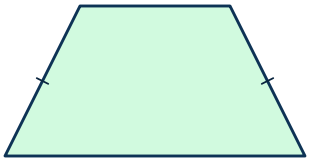
3. Tick marks show equal sides. Which name fits this shape?



   rectangle rhombus quadrilateral square

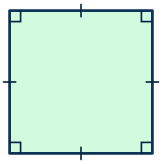
4. Which group does every square, rectangle and rhombus belong to?
   rhombuses quadrilaterals rectangles squares

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



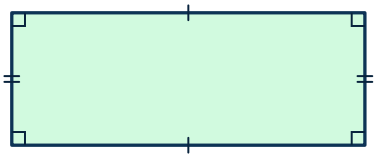
   _____

6. Why is this square also a rectangle?



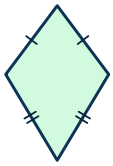
   it has only two right angles
   it has no equal sides
   it has two long and two short sides
   it has four right angles

7. Look at the tick marks. Which sides of this shape are equal?



sides next to each other are equal
no two sides are equal
all four sides are equal
opposite sides are equal

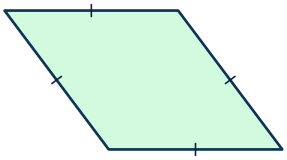
8. Look at the tick marks. Which is true about this shape?



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

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

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



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

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Answer Key - Grade 3 Math Worksheet

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

1. Which statement is true?

every rhombus is a square

no square is a rhombus

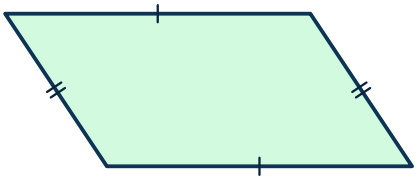
**every square is a rectangle**

every rectangle is a square

2. Which shape always has four equal sides and four right angles?

trapezoid rectangle rhombus **square**

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

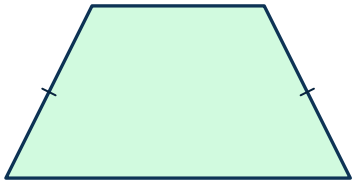


rectangle rhombus **quadrilateral** square

4. Which group does every square, rectangle and rhombus belong to?

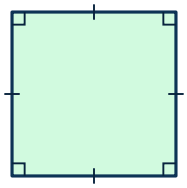
rhombuses **quadrilaterals** rectangles squares

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



**2**

6. Why is this square also a rectangle?



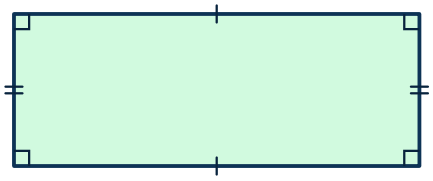
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it has two long and two short sides

**it has four right angles**

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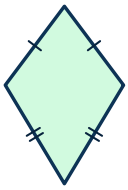
sides next to each other are equal

no two sides are equal

all four sides are equal

opposite sides are equal

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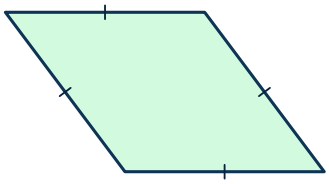
all four sides are equal

sides next to each other are equal

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