# Shape Categories

Grade 3 Math Worksheet

PencilGo

Name _____ Date _____

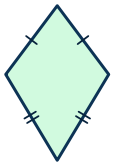
Circle the answer, or write the answer on the line.

1. Which statement about rectangles is true?
   every rectangle has four equal sides
   every rectangle is a square
   every rectangle has four right angles
   a rectangle can have three right angles

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

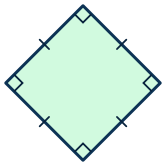
3. Which group does every square, rectangle and rhombus belong to?
   rectangles rhombuses squares quadrilaterals

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



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

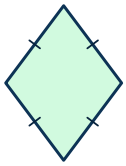
5. This square is turned onto a corner. Why is it also a rhombus?



   it is turned onto a corner
   it has no right angles
   it has only two equal sides
   it has four equal sides

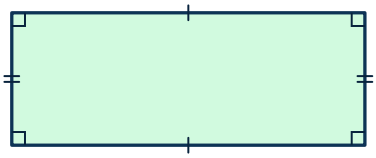
6. Which statement is true?
   every rhombus is a square
   no square is a rhombus
   every rectangle is a square
   every square is a rectangle

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



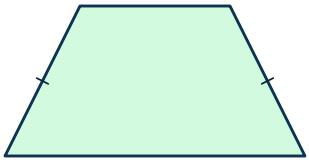
only one pair of sides is equal
it has two long and two short sides
it has four right angles
it has four equal sides

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



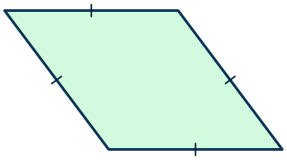
no two sides are equal
opposite sides are equal
all four sides are equal
sides next to each other are equal

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



_____

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



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

**Scan to get this marked free. No screen time for your child.**
Print it · do it in pencil · scan it · PencilGo picks the next sheet.

# Shape Categories

Answer Key - Grade 3 Math Worksheet

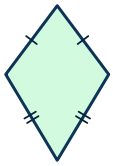
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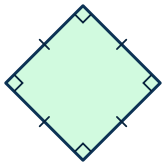
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   rectangles  rhombuses  squares  **quadrilaterals**

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

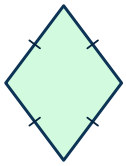
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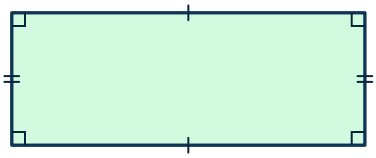
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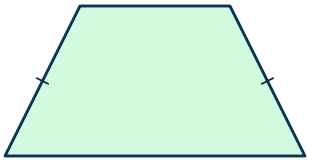
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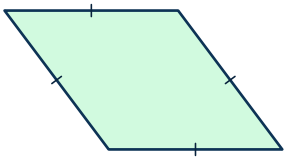
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9. Tick marks show equal sides. How many sides of this shape are marked equal?



2

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



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