

Grade 3 - Quadrilaterals and Partitioning Shapes - Quiz

Common Core 3.G.A.1, 3.G.A.2 · maths-pdf.fr/en/

Name: _____ Class: _____ Date: ____/____/____

This **quadrilaterals quiz** for 3rd Grade covers quadrilaterals and partitioning shapes (Common Core 3.G.A.1, 3.G.A.2), with a free PDF to print.

Answer these 10 questions on quadrilaterals and equal parts. Pick the one best answer for each. Look at every figure carefully, then read the explanation to learn from any miss.

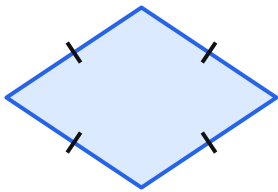
Grade 3 · Common Core State Standards: **3.G.A.1, 3.G.A.2**

Quadrilaterals quiz: 10 questions

Questions

Question 1

What is the best name for this shape?



A rhombus with tick marks on all 4 sides and no right angles

- A. Rectangle
- B. Rhombus
- C. Square
- D. Triangle

Question 2

How many sides does a quadrilateral have?

- A. 3

- B. 5
- C. 6
- D. 4

Question 3

Which of these shapes is a quadrilateral?

- A. Hexagon
- B. Triangle
- C. Rhombus
- D. Pentagon

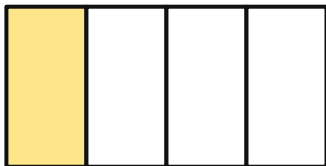
Question 4

Which statement is true?

- A. Every rectangle is a square.
- B. Every trapezoid is a rhombus.
- C. Every square is a rectangle.
- D. Every rhombus has 4 right angles.

Question 5

What fraction of the rectangle is shaded?

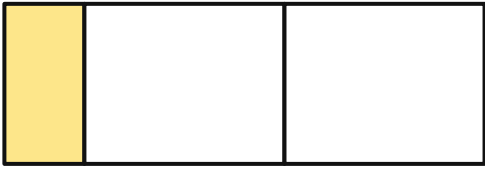


A rectangle cut into 4 equal columns with one column shaded

- A. $\frac{1}{3}$
- B. $\frac{1}{5}$
- C. $\frac{1}{8}$
- D. $\frac{1}{4}$

Question 6

The rectangle is cut into 3 parts and one part is shaded. Is the shaded part one third?



A rectangle cut into 3 parts of different widths with the narrow left part shaded

- A. No, the 3 parts are not equal in area.
- B. Yes, because there are 3 parts.
- C. Yes, because the shape is a rectangle.
- D. Yes, because one part is shaded.

Question 7

A pan is cut into 8 parts with equal area. What fraction is each part?

- A. $\frac{1}{7}$
- B. $\frac{1}{8}$
- C. $\frac{1}{16}$
- D. $\frac{8}{1}$

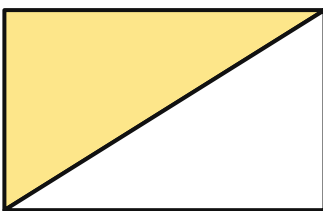
Question 8

A quadrilateral has 4 right angles, and its sides are not all equal. What is it?

- A. Square
- B. Rectangle
- C. Rhombus
- D. Trapezoid

Question 9

The line cuts the rectangle into 2 triangles with equal area. What fraction is shaded?



A rectangle cut along a diagonal into 2 triangles of equal area, with one triangle shaded

- A. $\frac{1}{2}$
- B. $\frac{1}{4}$

C. $\frac{1}{3}$

D. $\frac{2}{1}$

Question 10

Which quadrilateral is not a rhombus, rectangle, or square?

A. A kite with sides 3, 3, 5, and 5

B. A square with sides of 4

C. A rectangle that is 3 by 5

D. A rhombus with sides of 4

Answers

1. **B** – Four equal sides and no right angles make a rhombus. A square would need 4 right angles.
2. **D** – "Quad" means four, so a quadrilateral has 4 straight sides.
3. **C** – A rhombus has 4 straight sides. The other shapes have 6, 3, and 5 sides.
4. **C** – A square has 4 right angles, so it is a rectangle. A rectangle with unequal sides is not a square.
5. **D** – One of 4 equal parts is shaded, so the fraction is one fourth.
6. **A** – Thirds need 3 parts with equal area. These parts have different widths, so they are not equal.
7. **B** – Each of 8 equal parts is 1 over 8 of the whole.
8. **B** – 4 right angles make a rectangle. If all sides were equal it would be a square.
9. **A** – Two parts with equal area are halves, so one triangle is one half.
10. **A** – This kite has no right angles and its sides are not all equal. The other three are named shapes.

Remember

Remember

- A quadrilateral has exactly 4 straight sides and 4 corners.
- A rhombus has 4 equal sides; a rectangle has 4 right angles.
- A square is a rhombus and a rectangle at the same time.
- Some quadrilaterals are not rhombuses, rectangles, or squares.
- Equal parts have equal area, and each of n equal parts is $1/n$ of the whole.

How to use this quadrilaterals quiz

Answer each question, read the explanation that appears, and keep track of your score. A score of 8 out of 10 or more means you are ready for the test.

Download the quadrilaterals quiz as a PDF with the button below and keep it with your notes.

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