Quadrilateral Check for Understanding

A 15 question retrieval quiz for students in grades 2, 3, 4 and 5.

Grades 2 to 5

Questions

Name: ……………………………………….   Class: ………………………………………
Date: ……………………………………….   Score: ………………………………………

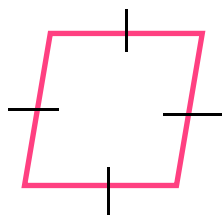**1**   What is the best name for the polygon below?

Answer

2   Joey drew a polygon with 4 vertices and two pairs of equal sides.
Circle the polygon she drew.

3   Circle the classification that the quadrilateral best fits.

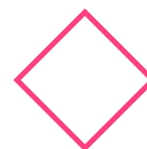Trapezoid   Rhombus   Square   Rectangle

4   Which classification does the quadrilateral NOT fit?

Trapezoid   Parallelogram   Square   Rectangle

Answer

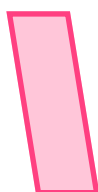**5** Circle any parallelogram that is also a rhombus.

6 Jodi's teacher asked her to draw a special parallelogram that has 4 congruent sides and 4 congruent angles. What type of special parallelogram did she draw?

Answer

7 The piece of tile below has two pairs of parallel sides. What is the best quadrilateral classification?
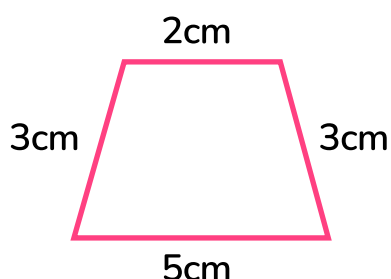
Answer

8 Can a square also be classified as a rhombus? Explain.

Answer

9 Is the quadrilateral a rhombus? Why or why not?

2cm

3cm   3cm

5cm

Answer

10 Billy wants to classify the shape below. Which of the following names can this shape be classified as?
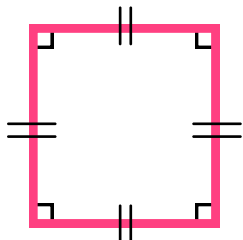
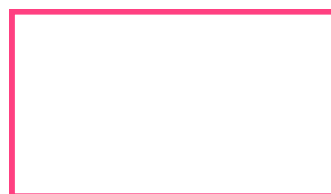**Quadrilateral**   **Parallelogram**   **Rectangle**   **Kite**

Trapezoid   **Rhombus**   **Square**

Answer

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11 Circle the shape that is a square.

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12 Is this shape a square? Why or why not.

8cm

8cm

8cm

8cm
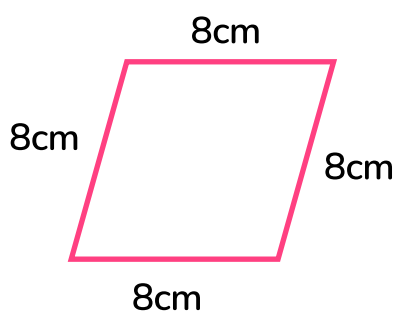
Answer

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13 Circle the quadrilateral that can only be classified as a trapezoid.
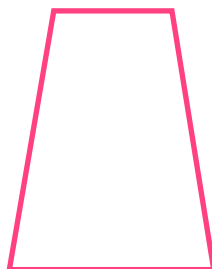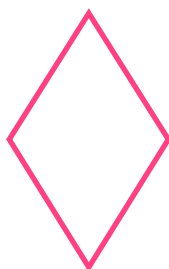
14 Shauna wants to classify the shape below. Which of the following names can this shape be classified as?

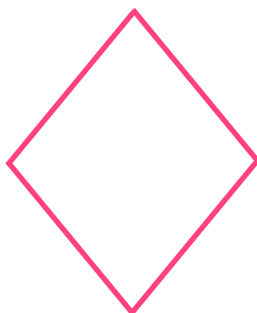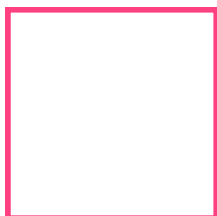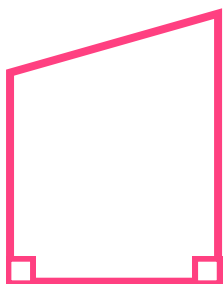Kite   Parallelogram   Rhombus   Trapezoid
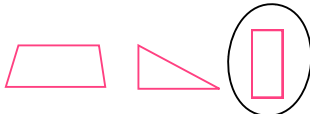
Isosceles Trapezoid   Square

Answer

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15 Joanne says the trapezoid below is an isosceles trapezoid. Stephanie says it's a right trapezoid. Who is correct and why?
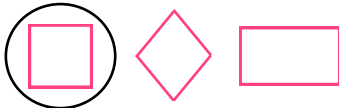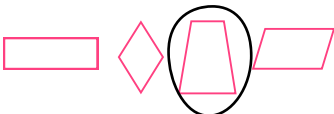

Answer

Answers

Question number	Question	Answers	Standard
1	What is the best name for the polygon below?	Rectangle	2.G.A.1
2	Joey drew a polygon with 4 vertices and two pairs of equal sides. Circle the polygon she drew		2.G.A.1
3	Circle the classification that the quadrilateral best fits.	Rhombus	5.G.B.3 5.G.B.4
4	Which classification does the quadrilateral NOT fit?	Square	5.G.B.3 5.G.B.4
5	Circle any parallelogram that is also a rhombus.		3.G.A.1
6	Jodi's teacher asked her to draw a special parallelogram that has 4 congruent sides and 4 congruent angles. What type of special parallelogram did she draw?	Square	5.G.B.3 5.G.B.4
7	The piece of tile below has two pairs of parallel sides. What is the best quadrilateral classification?	Parallelogram	5.G.B.3 5.G.B.4

Question number	Question	Answers	Standard
8	Can a square also be classified as a rhombus? Explain.	Yes, a square can be classified as a rhombus because it has 4 equal (congruent) sides and it has perpendicular diagonals like a rhombus. OR Yes, a square can be classified as a rhombus because it has 4 equal (congruent) sides like a rhombus.	5.G.B.3 5.G.B.4
9	Is the quadrilateral a rhombus? Why or why not?	No, the quadrilateral is not a rhombus because it does not have 4 equal sides.	3.G.A.1
10	Billy wants to classify the shape below. Which of the following names can this shape be classified as?	Quadrilateral, Parallelogram Rectangle, Kite, Trapezoid, Rhombus, Square	5.G.B.3 5.G.B.4
11	Circle the shape that is a square.		4.G.A.2
12	Is this shape a square? Why or why not.	No, the shape is not a square. In order to be a square the shape has to have 4 equal sides and 4 right angles. This shape has 4 equal sides but not 4 right	4.G.A.2

Check for Understanding | 2nd to 5th Grade | Quadrilateral | Answers

Question number	Question	Answers	Standard
13	Circle the quadrilateral that can only be classified as a trapezoid		5.G.B.3 5.G.B.4
14	Shauna wants to classify the shape below. Which of the following names can this shape be classified as?	Trapezoid and Isosceles Trapezoid	5.G.B.3 5.G.B.4
15	Joanne says the trapezoid below is an isosceles trapezoid. Stephanie says it's a right trapezoid. Who is correct and why?	Stephanie is correct because a right trapezoid is a trapezoid with a pair of right angles. The trapezoid has a pair of right angles.	5.G.B.3 5.G.B.4

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