

2D Shapes

1. I am a shape that has five sides. What am I?

- a) pentagon
- b) hexagon
- c) octagon
- d) triangle

2D Shapes

2. How many more sides does a hexagon have than a quadrilateral?

- a) 6
- b) 4
- c) 2
- d) 0

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3. James drew a quadrilateral with four sides of equal length. What could he have drawn?

- a) trapezoid
- b) hexagon
- c) rectangle
- d) rhombus

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4. Which of the following could describe a rectangle, but not a rhombus?

- a) Opposite sides are parallel
- b) All four sides are of equal length
- c) No sides are parallel
- d) Has two different pairs of sides with equal length

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5. Hope drew a figure with four sides. None of the sides are parallel. What would she have drawn?
- a) square
 - b) rectangle
 - c) trapezoid
 - d) rhombus

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6. Which of the following describes a trapezoid, but not a rhombus?
- a) A trapezoid has one set of parallel sides and a rhombus does not
 - b) A trapezoid does not have parallel sides and a rhombus has one set of parallel sides
 - c) A trapezoid has two sets of parallel sides and a rhombus does not
 - d) A trapezoid has four sides of equal length and a rhombus does not

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7. I am a shape with six sides. What am I?
- a) circle
 - b) triangle
 - c) quadrilateral
 - d) hexagon

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8. Which of the following describes a rectangle, but not a parallelogram?
- a) A rectangle has four sides of equal length and a parallelogram does not
 - b) A rectangle has two sets of parallel sides and a parallelogram has one set of parallel sides
 - c) A rectangle has to have four right angles and a parallelogram does not
 - d) A rectangle is a quadrilateral and a parallelogram is not

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9. How many more sides does an octagon have than a triangle?

- a) 5
- b) 6
- c) 8
- d) 10

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10. Kristin made a new shape with just two right angles. What shape could she have made?

- a) regular hexagon
- b) square
- c) trapezoid
- d) regular pentagon

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11. David drew a shape with four sides of equal length. What could he have drawn?

- a) He could have drawn a hexagon or a square
- b) He could have drawn a square or a triangle
- c) He could have drawn a rhombus or a square
- d) He could have drawn a rhombus or a trapezoid

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12. Which of the following describes a quadrilateral?

- a) All sides are equivalent
- b) Adjacent sides are equivalent
- c) Has six sides
- d) Has four sides

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13. Ricardo made a new symmetrical shape with two trapezoids. What shape could he have made?

- a) triangle
- b) pentagon
- c) rhombus
- d) hexagon

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14. I am a shape with eight sides. What am I?

- a) triangle
- b) pentagon
- c) hexagon
- d) octagon

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15. How many more sides does a hexagon have than a triangle?

- a) 3
- b) 4
- c) 6
- d) 8

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16. Which of the following describes a triangle?

- a. three sides
- b. two right angles
- c. five sides
- d. opposite side parallel and equal

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17. How many more sides does an octagon have than a hexagon?

- a) 8
- b) 6
- c) 2
- d) 0

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18. Which of the following describes a hexagon?

- a) all of the angles are right angles
- b) all sides are always equivalent
- c) six sides
- d) eight sides

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19. Hector made a new shape using a trapezoid and a triangle. What shape could he have made?

- a) pentagon
- b) hexagon
- c) octagon
- d) decagon

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20. I am a shape with three sides. What am I?

- a) hexagon
- b) pentagon
- c) triangle
- d) circle

2D Shapes Answers

1. **a) pentagon**
2. **c) 2**
3. **d) rhombus**
4. **d) Has two different pairs of sides with equal length**
5. **d) rhombus**
6. **a) A trapezoid has 1 set of parallel sides and a rhombus does not**
7. **d) hexagon**
8. **c) A rectangle has to have four right angles and a parallelogram does not**
9. **a) five**
10. **c) trapezoid**
11. **c) A rhombus or a square**
12. **d) Has four sides**
13. **d) hexagon**
14. **d) octagon**
15. **a) three**
16. **a) Has three sides**
17. **c) 2**
18. **c) Has six sides**
19. **a) pentagon**
20. **c) triangle**