

### 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

### 2D Shapes

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

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

### 2D Shapes

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

### 2D Shapes

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

### 2D Shapes

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

### 2D Shapes

7. I am a shape with six sides. What am I?

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

### 2D Shapes

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

### 2D Shapes

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

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

### 2D Shapes

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

### 2D Shapes

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

### 2D Shapes

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

2D Shapes

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

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

2D Shapes

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

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

2D Shapes

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

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

2D Shapes

16. Which of the following describes a triangle?

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

2D Shapes

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

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

2D Shapes

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

2D Shapes

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

2D Shapes

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**