

Center Activity 1.39 Answer Key

Draw Two Shapes

★ Below Level

Check Understanding

Child should draw two different triangles. Sample answer: Both shapes are triangles because they have 3 sides and 3 corners.

Recording Sheet

Answers will vary. Sample answers:

Player A draws a large square, and Player B draws a small square.

Both shapes are squares because they have 4 sides all the same length and 4 corners.

Player A draws a rectangle with the shorter sides on the top and bottom, and Player B draws a larger rectangle with the shorter sides on the left and right.

Both shapes are rectangles because they have 4 sides and 4 square corners with opposite sides the same length.

★★ On Level

Check Understanding

Child should draw two different rectangles. Sample answer: Both shapes are rectangles because they have 4 sides and 4 square corners. Opposite sides are the same length.

Recording Sheet

Answers will vary. Sample answers:

Player A draws a triangle with sides all the same length, and Player B draws a right triangle with sides of different lengths.

Both shapes are triangles because they have 3 sides.

Player A draws a hexagon with sides all the same length, and Player B draws a 6-sided shape with sides of differing lengths.

Both shapes are hexagons because they have 6 sides.

★★★ Above Level

Check Understanding

Child should draw two different hexagons. Sample answer: Both shapes are hexagons because they have 6 sides and 6 corners.

Recording Sheet

Answers will vary. Sample answers:

Player A draws a triangle and a square. Player B draws a right triangle and a circle.

The two shapes are triangles because they have 3 sides. The square and circle are not triangles because they do not have 3 sides.

Player A draws a hexagon and a rhombus. Player B draws a triangle and a rhombus.

The rhombuses both have 4 sides with all sides the same length. The hexagon is not a rhombus because it has 6 sides. The triangle is not a rhombus because it has only 3 sides.

Center Activity 1.40 Answer Key

Shape Attributes

★ Below Level

Check Understanding

Child should point to the triangles and the circle.

Game Board

Possible answers:

Row 1: triangle: 3 sides, 3 corners; square: 4 sides, 4 square corners, all sides the same length; circle: 0 corners

Row 2: hexagon: 6 sides, 6 corners; triangle: 3 sides, 3 corners; rectangle: 4 sides, 4 square corners, opposite sides the same length

Row 3: rhombus: 4 sides, 4 corners, all sides the same length; hexagon: 6 sides, 6 corners; triangle: 3 sides, 3 corners

★★ On Level

Check Understanding

Child should point to the square and the rectangle.

Game Board

Possible answers:

Row 1: triangle: 3 sides, 3 corners, all sides the same length; square: 4 sides, 4 square corners, all sides the same length; circle: 0 corners

Row 2: hexagon: 6 sides, 6 corners; triangle: 3 sides, 3 corners, different side lengths; rectangle: 4 sides, 4 square corners, opposite sides the same length

Row 3: rhombus: 4 sides, 4 corners, all sides the same length; trapezoid: 4 sides, 0 square corners, different side lengths; triangle: 3 sides, 3 corners, 1 square corner

★★★ Above Level

Check Understanding

Child should point to the cards for square, rhombus, trapezoid, and rectangle.

Game Board

Possible answers:

Row 1: triangle: 3 sides, 3 corners, all sides the same length; square: 4 sides, 4 square corners, all sides the same length; trapezoid: 4 sides, 0 square corners, different side lengths

Row 2: hexagon: 6 sides, 6 corners; triangle: 3 sides, 3 corners, different side lengths; rectangle: 4 sides, 4 square corners, opposite sides the same length

Row 3: rhombus: 4 sides, 4 corners, all sides the same length; circle: 0 corners; triangle: 3 sides, 3 corners, 1 square corner

Center Activity 1.41 Answer Key

Shape Match

★ Below Level

Check Understanding

A rectangle

Game Board

Possible answers:

Row 1: 2 right triangles make the square. 2 half-circles make the circle.

Row 2: 2 squares make the rectangle. 2 trapezoids make the hexagon.

★★ On Level

Check Understanding

Sample answer: a trapezoid

Game Board

Possible answers:

Row 1: 2 right triangles make the square. 2 half-circles make the circle. 2 trapezoids make the hexagon.

Row 2: 2 squares make the rectangle. 2 equilateral triangles make the rhombus. 1 rhombus and 1 equilateral triangle make the trapezoid.

★★★ Above Level

Check Understanding

Sample answer: I can make a square and a triangle with the two triangles that have a square corner. I can make a rhombus with two of the smaller triangles. I can make a trapezoid with three of the smaller triangles.

Game Board

Possible answers:

Row 1: 2 right triangles make the square. 2 half-circles make the circle. 2 trapezoids make the hexagon.

Row 2: 2 squares make the rectangle. 2 equilateral triangles make the rhombus. 1 rhombus and 1 equilateral triangle make the trapezoid.

Center Activity 1.42 Answer Key

Put Shapes Together

★ Below Level

Check Understanding

A hexagon

Recording Sheet

Colored shapes will vary. Sample answers:

Row 1: 2 shapes: 2 triangles; 2 shapes: rhombus and triangle

Row 2: 3 shapes: 3 triangles; 2 shapes: 2 trapezoids

Row 3: 3 shapes: 3 rhombuses; 4 shapes: 1 trapezoid and 3 triangles

★★ On Level

Check Understanding

Sample answers: a trapezoid and a hexagon

Recording Sheet

Colored shapes will vary. Sample answers:

Row 1: 2 shapes: rhombus and triangle; 3 shapes: 3 triangles

Row 2: 2 shapes: 2 trapezoids; 3 shapes: a trapezoid, a rhombus, and a triangle

Row 3: 4 shapes: 2 rhombuses and 2 triangles; 6 shapes: 6 triangles

★★★ Above Level

Check Understanding

Sample answers: a hexagon and a trapezoid

Recording Sheet

Colored shapes will vary. Sample answers:

Row 1: 2 shapes: rhombus and triangle; 3 shapes: 3 triangles

Row 2: 2 shapes: 2 trapezoids; 3 shapes: 3 rhombuses

Row 3: 4 shapes: 1 trapezoid and 3 triangles; 6 shapes: 6 triangles