

Center Activity Answer Key

Activity 2.49

Geometry Vocabulary Match

★ Check Understanding

Possible answer: A quadrilateral has 4 straight sides and 4 angles, and a triangle has 3 straight sides and 3 angles.

Recording Sheet

side—a straight line that is part of a shape

angle—the corner where two sides of a shape meet

triangle—a shape with 3 straight sides and 3 angles

quadrilateral—a shape with 4 straight sides and 4 angles

pentagon—a shape with 5 straight sides and 5 angles

hexagon—a shape with 6 straight sides and 6 angles

★★ Check Understanding

triangle; Possible answer: A triangle has 3 straight sides and 3 angles, and a quadrilateral has 4 straight sides and 4 angles.

Recording Sheet

side—a straight line that is part of a shape

angle—the corner where two sides of a shape meet

triangle—a shape with 3 straight sides and 3 angles

quadrilateral—a shape with 4 straight sides and 4 angles

pentagon—a shape with 5 straight sides and 5 angles

hexagon—a shape with 6 straight sides and 6 angles

square—a quadrilateral with 4 straight sides that are the same length and with 4 square angles

rectangle—a quadrilateral with 4 straight sides that are not all the same length and with 4 square angles

★★★ Check Understanding

Possible answer: A quadrilateral has 4 straight sides and 4 angles, and a pentagon has 5 straight sides and 5 angles.

Recording Sheet

side—a straight line that is part of a shape

angle—the corner where two sides of a shape meet

triangle—a shape with 3 straight sides and 3 angles

quadrilateral—a shape with 4 straight sides and 4 angles

pentagon—a shape with 5 straight sides and 5 angles

hexagon—a shape with 6 straight sides and 6 angles

square—a quadrilateral with 4 straight sides that are the same length and with 4 square angles

rectangle—a quadrilateral with 4 straight sides that are not all the same length and with 4 square angles

Center Activity Answer Key

Activity 2.50

Attributes of Shapes

★ Check Understanding

triangle; Possible answer: A triangle has 3 straight sides and 3 angles.

Recording Sheet

quadrilateral	hexagon	pentagon
pentagon	triangle	quadrilateral
triangle	hexagon	pentagon
quadrilateral	hexagon	triangle

★★ Check Understanding

pentagon; Possible answer: A pentagon has 5 straight sides and 5 angles.

Recording Sheet

quadrilateral	hexagon	pentagon	triangle
pentagon	triangle	quadrilateral	hexagon
triangle	quadrilateral	hexagon	pentagon
pentagon	hexagon	triangle	quadrilateral

★★★ Check Understanding

hexagon; Possible answer: A hexagon has 6 straight sides and 6 angles.

Recording Sheet

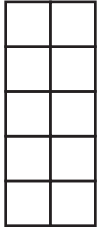
quadrilateral	hexagon	pentagon	triangle
pentagon	triangle	quadrilateral	hexagon
triangle	quadrilateral	hexagon	pentagon
quadrilateral	hexagon	triangle	quadrilateral

Center Activity Answer Key

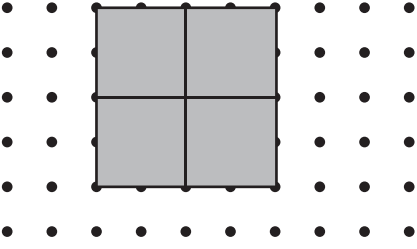
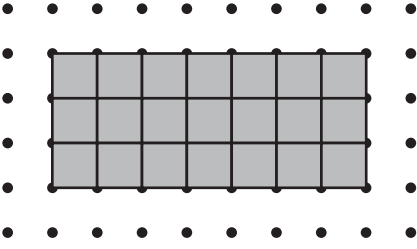
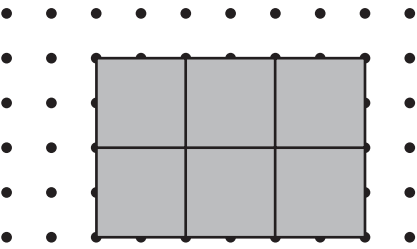
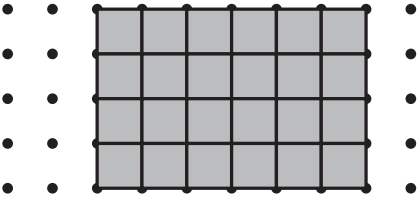
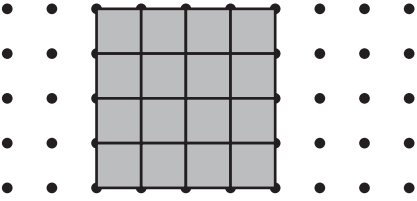
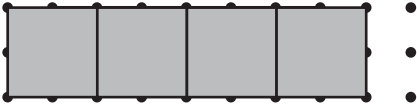
Activity 2.51

Tile Rectangles

★ Check Understanding



Recording Sheet

 <p>4 squares</p>	 <p>21 squares</p>
 <p>6 squares</p>	 <p>24 squares</p>
 <p>16 squares</p>	 <p>4 squares</p>

Center Activity Answer Key

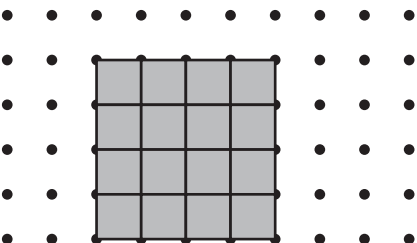
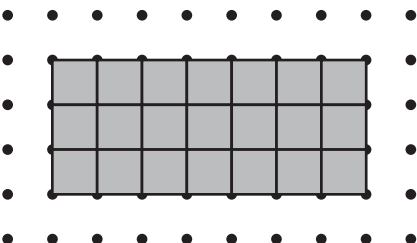
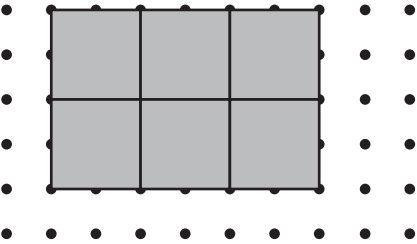
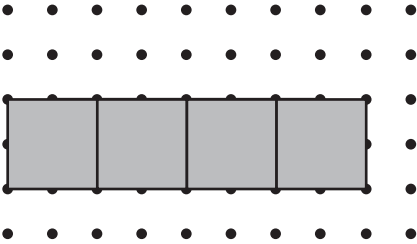
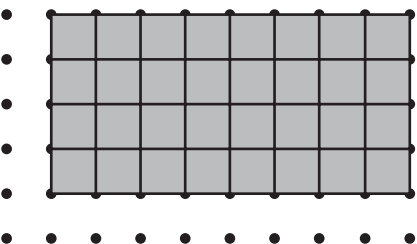
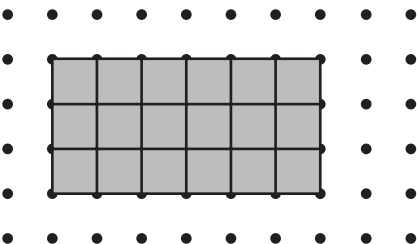
Activity 2.51 (continued)

Tile Rectangles

★★ Check Understanding



Recording Sheet

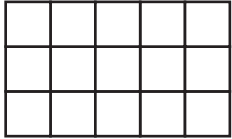
 <p>16 squares</p>	 <p>21 squares</p>
 <p>6 squares</p>	 <p>4 squares</p>
 <p>32 squares</p>	 <p>18 squares</p>

Center Activity Answer Key

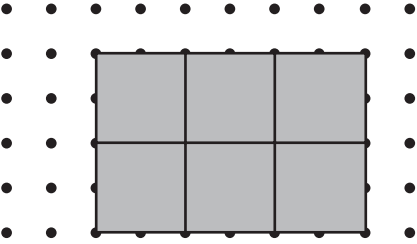
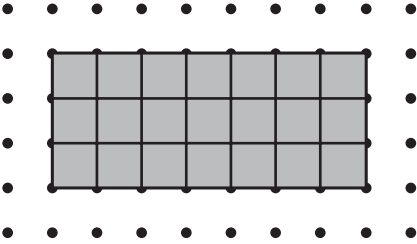
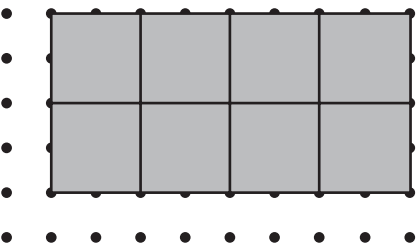
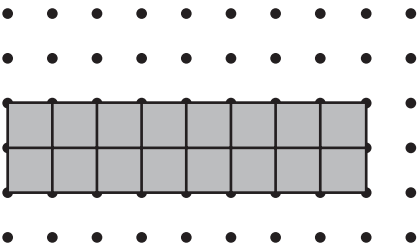
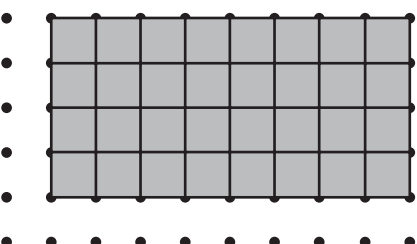
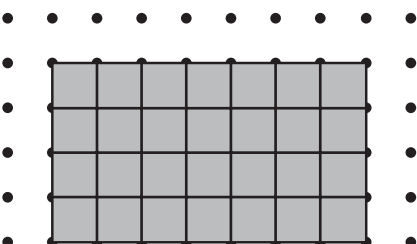
Activity 2.51 (continued)

Tile Rectangles

★★★ Check Understanding



Recording Sheet

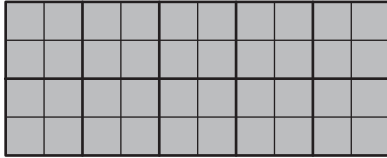
 <p>6 squares</p>	 <p>21 squares</p>
 <p>8 squares</p>	 <p>16 squares</p>
 <p>32 squares</p>	 <p>28 squares</p>

Center Activity Answer Key

Activity 2.52

Fill Rectangles with Squares

★ Check Understanding



10 squares

Recording Sheet

Check student's drawings.

A: 2 rows of 3 squares; 6 squares

B: 4 rows of 4 squares; 16 squares

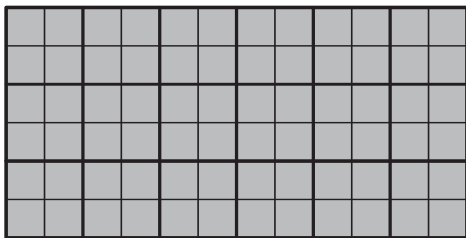
C: 8 rows of 2 squares; 16 squares

D: 3 rows of 3 squares; 9 squares

E: 2 rows of 2 squares; 4 squares

F: 6 rows of 5 squares; 30 squares

★★ Check Understanding



18 squares

Recording Sheet

Check student's drawings.

A: 2 rows of 4 squares; 8 squares

B: 3 rows of 2 squares; 6 squares

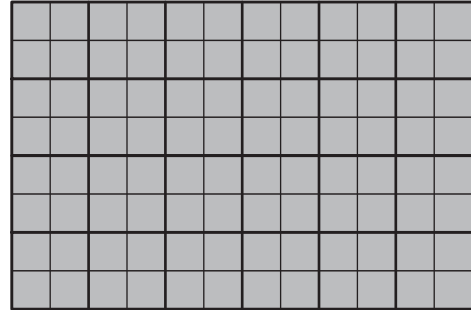
C: 3 rows of 4 squares; 12 squares

D: 5 rows of 5 squares; 25 squares

E: 3 rows of 3 squares; 9 squares

F: 6 rows of 4 squares; 24 squares

★★★ Check Understanding



24 squares

Recording Sheet

Check student's drawings.

A: 2 rows of 4 squares; 8 squares

B: 3 rows of 2 squares; 6 squares

C: 3 rows of 4 squares; 12 squares

D: 5 rows of 5 squares; 25 squares

E: 3 rows of 3 squares; 9 squares

F: 6 rows of 4 squares; 24 squares