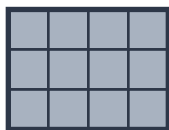


Area

Unit Test, Form A (page 1 of 2)

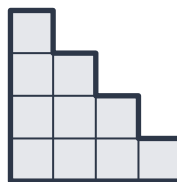
Score _____ / 11

1. Circle the rectangle covered with no gaps and no overlaps.



2. Count the unit squares. What is the area?

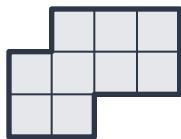
 = 1 square unit



Area = _____ square units

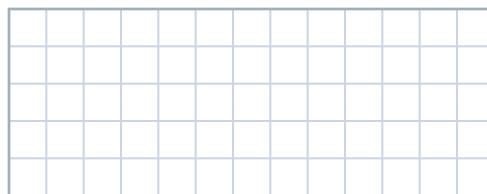
3. Find the area. Write the unit.

 = 1 square centimeter



Area = _____

4. Draw a rectangle with an area of 12 square units.



5. Some of the squares are drawn. Find the area.



_____ rows of _____ squares

_____ × _____ = _____ square units

6. Multiply the side lengths to find the area.



Area = _____ × _____

= _____ square inches

Area

Unit Test, Form A (page 2 of 2)

7. A garden is 6 meters long and 4 meters wide. What is the area of the garden?

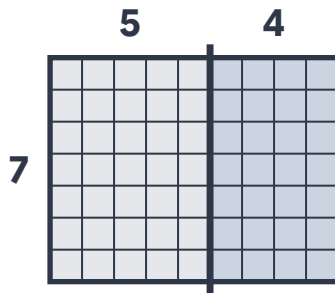
Area = _____

8. A patio has an area of 42 square feet. It is 7 feet long. How wide is it?



Width = _____

9. The line splits the rectangle into two parts. Find the area of each part. Add them.

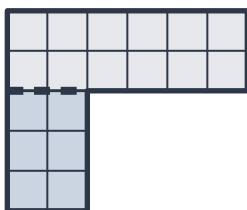


$$7 \times 5 = \underline{\quad}$$

$$7 \times 4 = \underline{\quad}$$

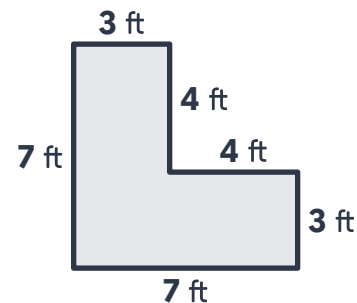
$$7 \times 9 = \underline{\quad} + \underline{\quad} = \underline{\quad}$$

10. The dashed line makes two rectangles. Add their areas.



_____ + _____ = _____ square units

11. Split the shape into two rectangles. Find the area.



Area = _____ square feet

Area

Unit Test, Form B (page 1 of 2)

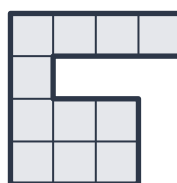
Score _____ / 11

1. Circle the rectangle covered with no gaps and no overlaps.



2. Count the unit squares. What is the area?

 = 1 square unit

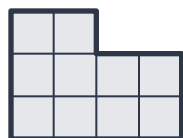


Area =

_____ square units

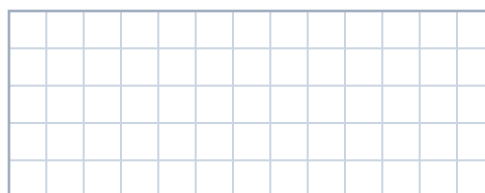
3. Find the area. Write the unit.

 = 1 square inch



Area =

4. Draw a rectangle with an area of 15 square units.



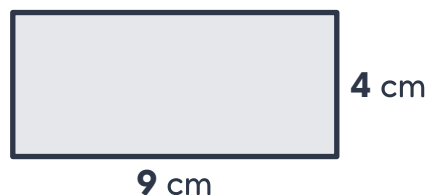
5. Some of the squares are drawn. Find the area.



_____ rows of _____ squares

_____ × _____ = _____ square units

6. Multiply the side lengths to find the area.



Area = _____ × _____

= _____ square centimeters

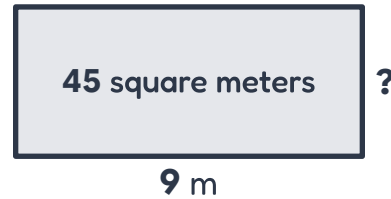
Area

Unit Test, Form B (page 2 of 2)

7. A poster is 9 inches long and 3 inches wide. What is the area of the poster?

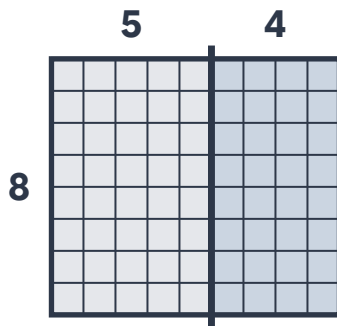
Area = _____

8. A goat pen has an area of 45 square meters. It is 9 meters long. How wide is it?



Width = _____

9. The line splits the rectangle into two parts. Find the area of each part. Add them.

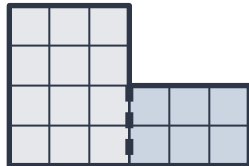


$$8 \times 5 = \underline{\hspace{2cm}}$$

$$8 \times 4 = \underline{\hspace{2cm}}$$

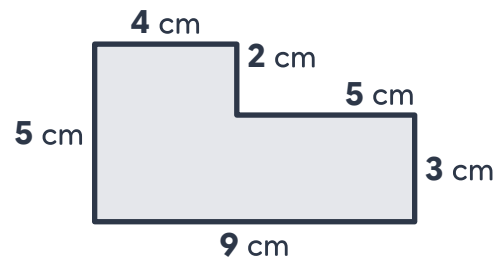
$$8 \times 9 = \underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

10. The dashed line makes two rectangles. Add their areas.



_____ + _____ = _____ square units

11. Split the shape into two rectangles. Find the area.



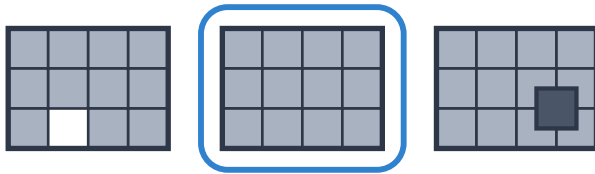
Area = _____ square centimeters

Area

Unit Test, Form A (page 1 of 2)

Score _____ / 11

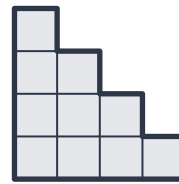
1. Circle the rectangle covered with no gaps and no overlaps.



Lesson 4.1 · Unit squares: no gaps or overlaps

2. Count the unit squares. What is the area?

 = 1 square unit



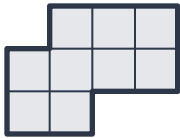
Area =

10 square units

Lesson 4.1 · Unit squares: no gaps or overlaps

3. Find the area. Write the unit.

 = 1 square centimeter

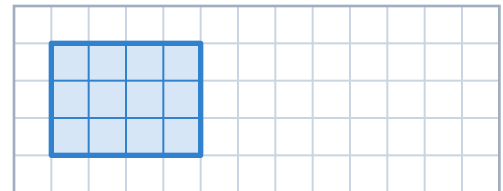


Area =

9 square centimeters

Lesson 4.2 · Square centimeters and inches

4. Draw a rectangle with an area of 12 square units.



One way

Lesson 4.3 · Draw a shape with an area

5. Some of the squares are drawn. Find the area.



4 rows of 7 squares

4 × 7 = 28 square units

Lesson 4.4 · Rows times squares in a row

6. Multiply the side lengths to find the area.



Area = 8 × 5

= 40 square inches

Lesson 4.5 · Multiply the side lengths

Area

Unit Test, Form A (page 2 of 2)

7. A garden is 6 meters long and 4 meters wide. What is the area of the garden?

Area = 24 square meters

Lesson 4.6 · Area stories

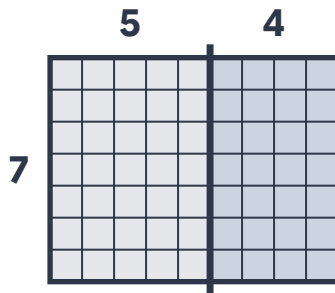
8. A patio has an area of 42 square feet. It is 7 feet long. How wide is it?



Width = 6 feet

Lesson 4.6 · Area stories

9. The line splits the rectangle into two parts. Find the area of each part. Add them.



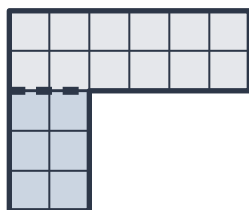
$$7 \times 5 = \underline{35}$$

$$7 \times 4 = \underline{28}$$

$$7 \times 9 = \underline{35} + \underline{28} = \underline{63}$$

Lesson 4.7 · Split a rectangle to multiply

10. The dashed line makes two rectangles. Add their areas.

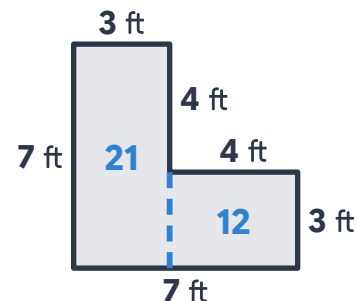


$$\underline{12} + \underline{6} = \underline{18} \text{ square units}$$

Lesson 4.8 · Shapes made of rectangles

11. Split the shape into two rectangles. Find the area.

One way



$$\text{Area} = \underline{33} \text{ square feet}$$

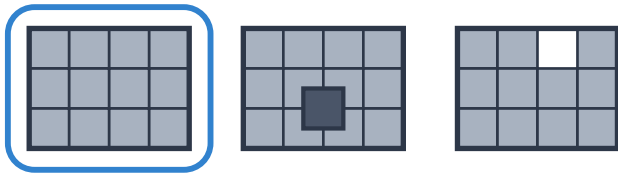
Lesson 4.8 · Shapes made of rectangles

Area

Unit Test, Form B (page 1 of 2)

Score _____ / 11

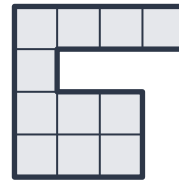
1. Circle the rectangle covered with no gaps and no overlaps.



Lesson 4.1 · Unit squares: no gaps or overlaps

2. Count the unit squares. What is the area?

 = 1 square unit



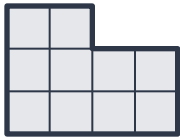
Area =

11 square units

Lesson 4.1 · Unit squares: no gaps or overlaps

3. Find the area. Write the unit.

 = 1 square inch

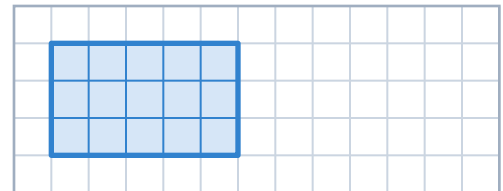


Area =

10 square inches

Lesson 4.2 · Square centimeters and inches

4. Draw a rectangle with an area of 15 square units.



One way

Lesson 4.3 · Draw a shape with an area

5. Some of the squares are drawn. Find the area.

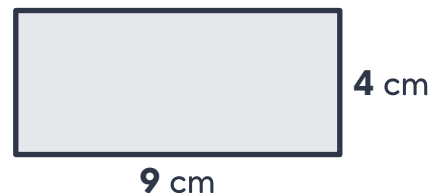


4 rows of 8 squares

4 × 8 = 32 square units

Lesson 4.4 · Rows times squares in a row

6. Multiply the side lengths to find the area.



Area = 9 × 4

= 36 square centimeters

Lesson 4.5 · Multiply the side lengths

Area

Unit Test, Form B (page 2 of 2)

7. A poster is 9 inches long and 3 inches wide. What is the area of the poster?

Area = 27 square inches

Lesson 4.6 · Area stories

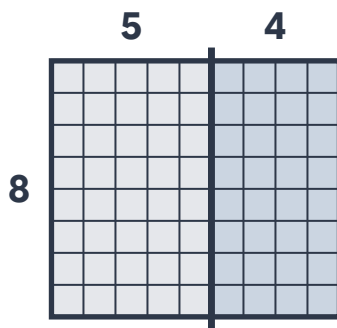
8. A goat pen has an area of 45 square meters. It is 9 meters long. How wide is it?



Width = 5 meters

Lesson 4.6 · Area stories

9. The line splits the rectangle into two parts. Find the area of each part. Add them.



$$8 \times 5 = \underline{40}$$

$$8 \times 4 = \underline{32}$$

$$8 \times 9 = \underline{40} + \underline{32} = \underline{72}$$

Lesson 4.7 · Split a rectangle to multiply

10. The dashed line makes two rectangles. Add their areas.

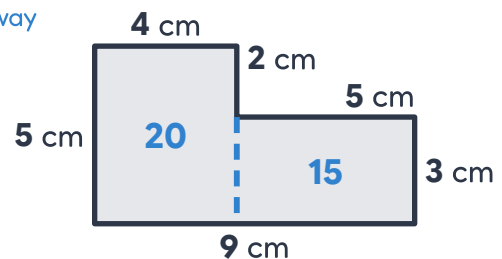


$$\underline{12} + \underline{6} = \underline{18} \text{ square units}$$

Lesson 4.8 · Shapes made of rectangles

11. Split the shape into two rectangles. Find the area.

One way



$$\text{Area} = \underline{35} \text{ square centimeters}$$

Lesson 4.8 · Shapes made of rectangles