Measure Area



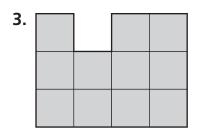
COMMON CORE STANDARDS MACC.3.MD.3.5b, MACC.3.MD.3.6

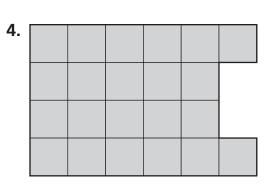
Geometric measurement: understand concepts of area and relate area to multiplication and to addition.

Count to find the area of the shape. Each unit square is 1 square centimeter.



Area = 14 square centimeters





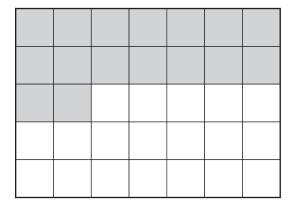
Area = _____ square centimeters

Problem Solving REAL WORLD

Alan is painting his deck gray. Use the diagram at the right for 5–6. Each unit square is 1 square meter.

- **5.** What is the area of the deck that Alan has already painted gray?
- **6.** What is the area of the deck that Alan has left to paint?

Alan's Deck

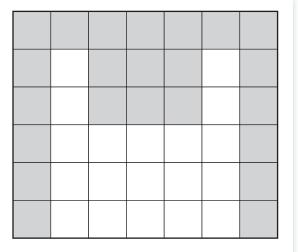




Lesson Check (MACC.3.MD.3.5b, MACC.3.MD.3.6)

Each unit square in the diagram is 1 square foot.

- 1. How many square feet are shaded?
 - A 19 square feet
 - (B) 21 square feet
 - © 23 square feet
 - **D** 25 square feet
- 2. What is the area that has NOT been shaded?
 - (A) 19 square feet
 - (B) 21 square feet
 - © 23 square feet
 - (D) 25 square feet



Spiral Review (MACC.3.OA.1.3, MACC.3.NF.1.1, MACC.3.NF.1.3b, MACC.3.MD.1.2)

- 3. Sonya buys 6 packages of rolls. There are 6 rolls in each package. How many rolls does Sonya buy?

 (Lesson 4.3)
 - \bigcirc 42
- **(c)** 24
- **(B)** 36
- **(D)** 12
- **5.** Which drawing shows $\frac{2}{3}$ of the circle shaded? (Lesson 8.4)





(C)



(B)



 \bigcirc



- **4.** Charlie mixed 6 liters of juice with 2 liters of soda to make fruit punch. How many liters of fruit punch did Charlie make? (Lesson 10.9)
 - (A) 3 liters
- © 8 liters
- (B) 4 liters
- ① 12 liters
- **6.** Use the models to name a fraction that is equivalent to $\frac{1}{2}$. (Lesson 9.7)



- **A** $\frac{2}{1}$
- $\bigcirc \frac{2}{4}$
- $\mathbb{B}\frac{2}{2}$
- ① $\frac{4}{4}$