

Name _____

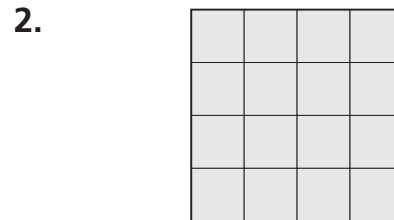
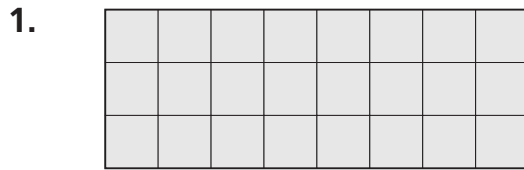
Use Area Models



COMMON CORE STANDARDS MACC.3.MD.3.7,
MACC.3.MD.3.7a

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

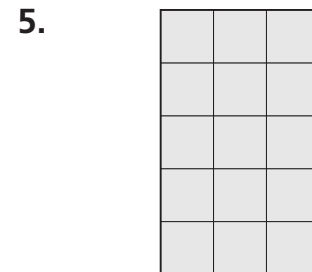
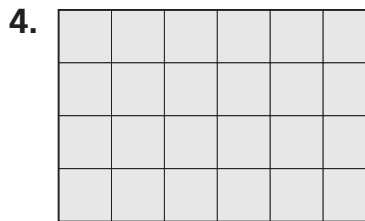
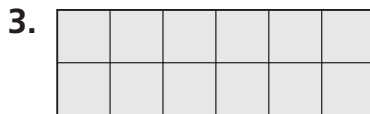
Find the area of each shape. Each unit square is 1 square foot.



There are 3 rows of 8 unit squares.
 $3 \times 8 = 24$

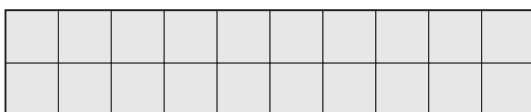
24 square feet

Find the area of each shape.
Each unit square is 1 square meter.



Problem Solving REAL WORLD

6. Landon made a rug for the hallway. Each unit square is 1 square foot. What is the area of the rug?

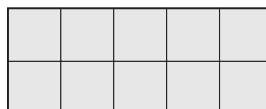
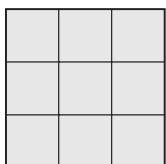


7. Eva makes a border at the top of a picture frame. Each unit square is 1 square inch. What is the area of the border?



Lesson Check (MACC.3.MD.3.7, MACC.3.MD.3.7a)

1. The entrance to an office has a tiled floor. Each square tile is 1 square meter. What is the area of the floor?
2. Ms. Burns buys a new rug. Each unit square is 1 square foot. What is the area of the rug?



- | | |
|--------------------|------------------|
| Ⓐ 8 square meters | Ⓐ 5 square feet |
| Ⓑ 9 square meters | Ⓑ 7 square feet |
| Ⓒ 10 square meters | Ⓒ 10 square feet |
| Ⓓ 12 square meters | Ⓓ 12 square feet |

Spiral Review (MACC.3.OA.1.4, MACC.3.NF.1.3d, MACC.3.MD.1.1, MACC.3.MD.4.8)

3. Ann and Bill are comparing fraction strips. Which statement is correct?
4. Claire bought 6 packs of baseball cards. Each pack had the same number of cards. If Claire bought 48 baseball cards in all, how many cards were in each pack?

(Lesson 9.2)

- Ⓐ $\frac{3}{8} > \frac{5}{8}$
 Ⓑ $\frac{3}{4} < \frac{1}{4}$
 Ⓒ $\frac{3}{6} > \frac{4}{6}$
 Ⓓ $\frac{1}{3} < \frac{2}{3}$

(Lesson 7.8)

- | | |
|------|-----|
| Ⓐ 54 | Ⓒ 8 |
| Ⓑ 42 | Ⓓ 6 |

5. Austin left for school at 7:35 A.M. He arrived at school 15 minutes later. What time did Austin arrive at school? (Lesson 10.4)
6. Wyatt's room is a rectangle with a perimeter of 40 feet. The width of the room is 8 feet. What is the length of the room? (Lesson 11.3)

- | | | | |
|-------------|-------------|-----------|-----------|
| Ⓐ 7:40 A.M. | Ⓒ 7:55 A.M. | Ⓐ 5 feet | Ⓒ 16 feet |
| Ⓑ 7:50 A.M. | Ⓓ 8:00 A.M. | Ⓑ 12 feet | Ⓓ 32 feet |