

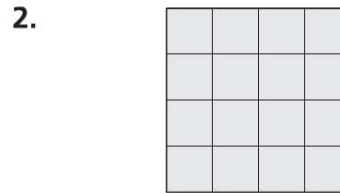
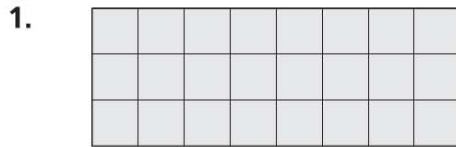
Name _____

Use Area Models

COMMON CORE STANDARDS CC.3.MD.7, CC.3.MD.7a

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

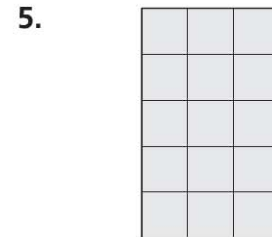
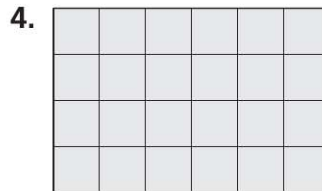
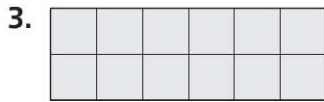
Find the area of each shape. Each unit square is 1 square foot.



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

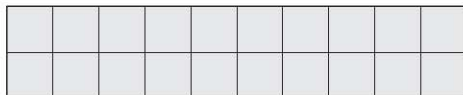
24 square feet

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?

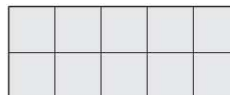
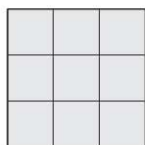


7. Eva makes a border at the top of a picture frame. Each unit square is 1 square inch. What is the area of the border?



Lesson Check (CC.3.MD.7, CC.3.MD.7a)

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



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

Spiral Review (CC.3.OA.4, CC.3.NF3d, CC.3.MD.1, CC.3.MD.8)

- Ann and Bill are comparing fraction strips. Which statement is correct?
(Lesson 9.2)
- 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 7.8)

- (Lesson 9.2)
- (A) $\frac{3}{8} > \frac{5}{8}$
- (B) $\frac{3}{4} < \frac{1}{4}$
- (C) $\frac{3}{6} > \frac{4}{6}$
- (D) $\frac{1}{3} < \frac{2}{3}$

- (A) 54 (C) 8
- (B) 42 (D) 6

- 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)
- 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)

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