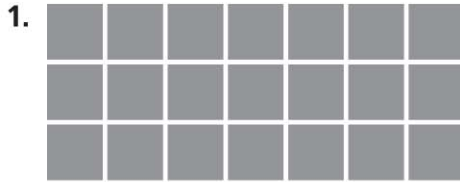


Name \_\_\_\_\_

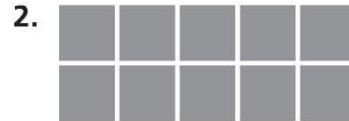
**Model with Arrays****COMMON CORE STANDARD** CC.3.OA.3

Represent and solve problems involving multiplication and division.

Write a multiplication sentence for the array.



$3 \times 7 = \underline{21}$



$2 \times 5 = \underline{\quad}$

Draw an array to find the product.

3.  $4 \times 2 = \underline{\quad}$

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

5.  $3 \times 2 = \underline{\quad}$

6.  $2 \times 8 = \underline{\quad}$

**Problem Solving** 

7. Lenny is moving tables in the school cafeteria. He places all the tables in a  $7 \times 4$  array. How many tables are in the cafeteria?

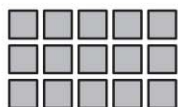
\_\_\_\_\_

8. Ms. DiMeo directs the school choir. She has the singers stand in 3 rows. There are 8 singers in each row. How many singers are there in all?

\_\_\_\_\_

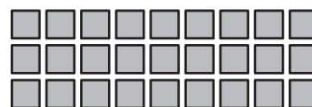
**Lesson Check** (CC.3.OA.3)

1. What multiplication sentence does this array show?



- (A)  $2 \times 3 = 6$       (C)  $3 \times 4 = 12$   
 (B)  $6 \times 3 = 18$       (D)  $3 \times 5 = 15$

2. What multiplication sentence does this array show?



- (A)  $3 \times 9 = 27$       (C)  $3 \times 7 = 21$   
 (B)  $3 \times 8 = 24$       (D)  $4 \times 5 = 20$

**Spiral Review** (CC.3.NBT.1, CC.3.NBT.2, CC.3.MD.3)

3. Use the table to find who traveled 700 miles farther than Paul during summer vacation. (Lesson 1.6)

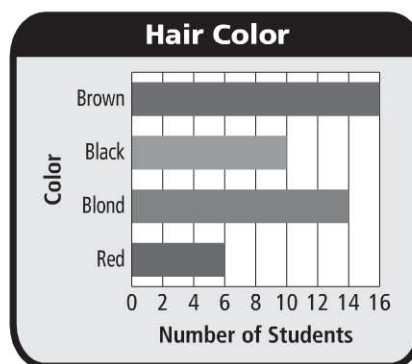
Summer Vacations	
Name	Distance in Miles
Paul	233
Andrew	380
Bonnie	790
Tara	933
Susan	853

- (A) Andrew      (C) Susan  
 (B) Bonnie      (D) Tara

5. Spencer ordered 235 cans of tomatoes to make salsa for the festival. What is 235 rounded to the nearest ten? (Lesson 1.2)

- (A) 200  
 (B) 230  
 (C) 240  
 (D) 300

4. Use the bar graph to find what hair color most students have. (Lesson 2.4)



- (A) Brown      (C) Blond  
 (B) Black      (D) Red

6. Which bar would be the longest on a bar graph of the data? (Lesson 2.5)

Favorite Pizza Topping	
Topping	Votes
Cheese	5
Pepperoni	4
Vegetable	1
Sausage	3

- (A) Cheese      (C) Vegetable  
 (B) Pepperoni      (D) Sausage