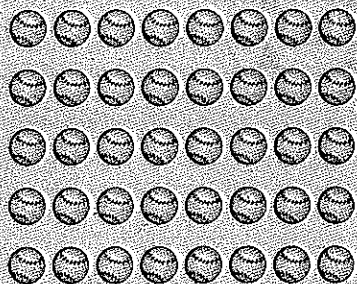


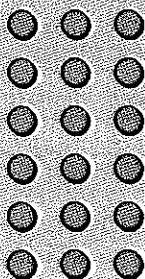
3 LESSON PRACTICE

1 Which number sentence describes this array?



- A. $5 + 8 = 13$
- B. $5 \times 8 = 40$
- C. $40 - 5 = 35$
- D. $8 \times 8 = 64$

2 Which number sentence does **not** describe this array?



- A. $6 \times 3 = 18$
- B. $6 + 6 + 6 = 18$
- C. $3 \times 6 = 18$
- D. $5 + 8 + 5 = 18$

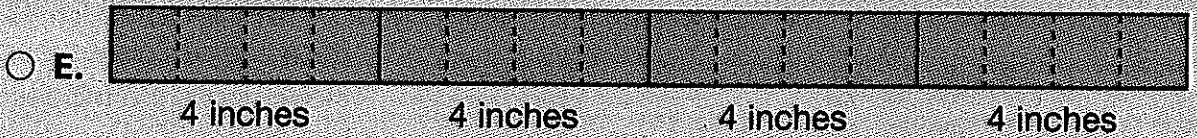
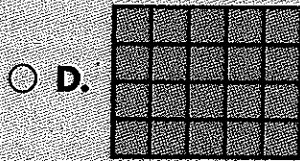
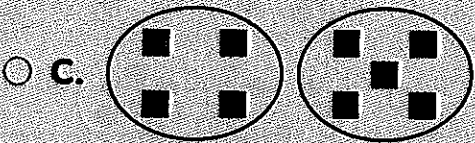
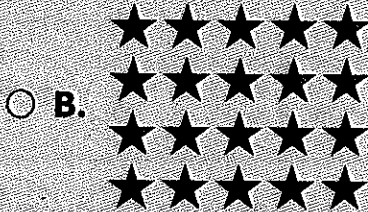
3 Which model shows the number sentence $3 \times 7 = \square$?

- A.
- B.
- C.
- D.

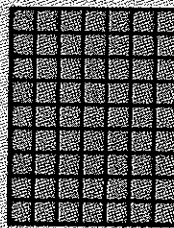
4 Which problem **cannot** be solved using multiplication?

- A. A model train has 8 cars. Each car is 6 inches long. How long is the model train?
- B. Leah drew 10 stars. Ben drew two times as many stars than Leah. How many stars did Ben draw?
- C. Max had 5 shells. He found 7 more shells. How many shells does Max have in all?
- D. There are 3 birds in each of 4 trees. How many birds are in all of the trees?

5 Which model represents 4×5 ? Mark all that apply.

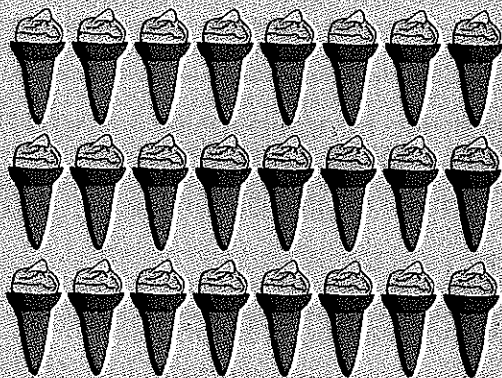


6 Write a multiplication sentence that describes this area model.



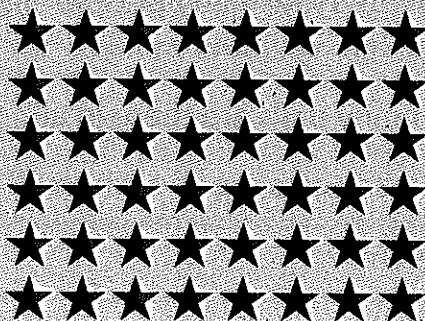
3 LESSON PRACTICE

- 1 Which number sentence describes this array?



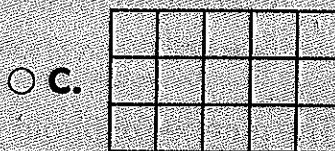
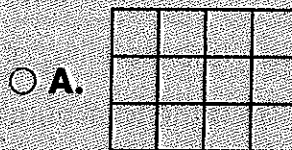
- A. $8 - 5 = 3$
- B. $12 \div 3 = 4$
- C. $24 \div 3 = 8$
- D. $24 \div 6 = 4$

- 2 Which number sentence does **not** describe this array?



- A. $48 \div 6 = 8$
- B. $6 \times 8 = 48$
- C. $48 \div 8 = 6$
- D. $48 \div 4 = 12$

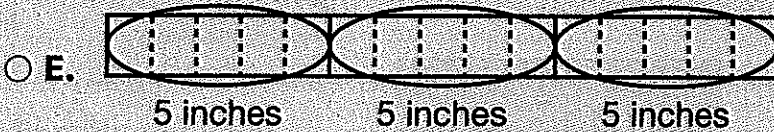
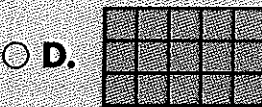
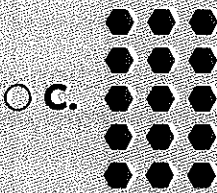
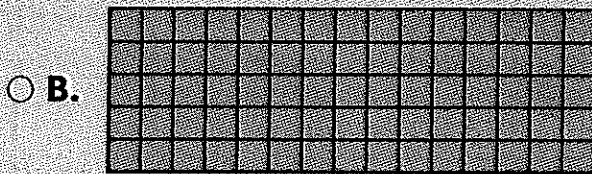
- 3 Which area model shows the division sentence $12 \div 6 = 2$?



- 4 Which problem can be solved using division?

- A. Bethany collected 12 rocks. She put 3 rocks in one box and the rest in another box. How many rocks are in the other box?
- B. There are 18 students in a class. Half of the students are girls. How many are boys?
- C. A string is cut into 6 pieces. Each piece is 2 inches long. How long was the string before it was cut?
- D. Larry is 6 years younger than Doreen. Larry is 8 years old. How old is Doreen?

5 Which model represents $15 \div 5$? Mark all that apply.



6 Mark used 16 square tiles to make an area model. He made 4 equal rows.

Part A

Write a number sentence to show how many tiles are in each row.

Part B

How many tiles are in each row?



COACHED EXAMPLE

Alicia bought 3 boxes of pencils. There were 10 pencils in each box.
How many pencils did Alicia buy?

Make a drawing to represent the problem.

There are _____ boxes of pencils. Each box had _____ pencils.

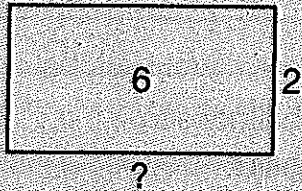
Write an equation.

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

Alicia bought _____ pencils.

3 LESSON PRACTICE

- 1** Abby displayed 6 pictures of her friends on her bulletin board. She placed 2 pictures in each row. How many rows of pictures of Abby's friends are on her bulletin board? Use the area model to help you solve the problem.

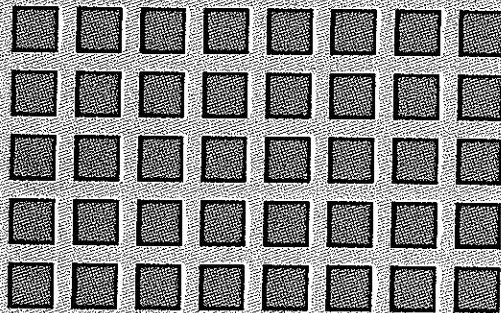


- A.** 3 **C.** 8
 B. 4 **D.** 12
- 2** Mr. Yates built a fence 28 feet long. He built it in 4 sections that are all the same length. How long is each section?
- A.** 7 feet **C.** 12 feet
 B. 8 feet **D.** 24 feet
- 3** Natalie has a 15-pound yellow dumbbell. It is 3 times as heavy as the red dumbbell she has. How many pounds is the red dumbbell?
- A.** 3 pounds
 B. 5 pounds
 C. 12 pounds
 D. 45 pounds

- 4** Kori bought 6 packs of batteries. She bought 60 batteries in all. How many batteries are in each pack?

- A.** 6
 B. 10
 C. 11
 D. 66

- 5** Jay placed 40 chairs in the rows shown below.

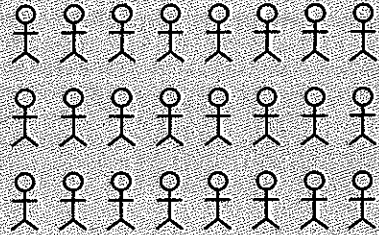


Which statement is true?

- A.** Divide $40 \div 10$ to find how many chairs in each row.
 B. Subtract $8 - 5$ to find how many chairs in each row.
 C. Jay could also have made 6 rows with 8 chairs in each row.
 D. Jay could also have made 8 rows with 5 chairs in each row.

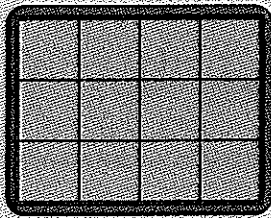
3 LESSON PRACTICE

- 1 Students lined up in rows for a class photo.



Which equation can be used to describe how the students are lined up?

- A. $4 \times 6 = \square$
 B. $3 \times 6 = \square$
 C. $2 \times 12 = \square$
 D. $3 \times 8 = \square$
- 2 Ms. Garcia used squares of felt to cover a bulletin board.



Which statement is **not** true?

- A. Each side of the bulletin board has 3 squares of felt.
 B. Ms. Garcia used 4 squares of felt in one row.
 C. Multiply 3×4 to find the total number of squares of felt.
 D. Ms. Garcia used 12 squares of felt in all.

- 3 Emma bought 7 books of stamps. There are 5 stamps in each book. How many stamps are in the books in all?

- A. 12
 B. 35
 C. 57
 D. 75

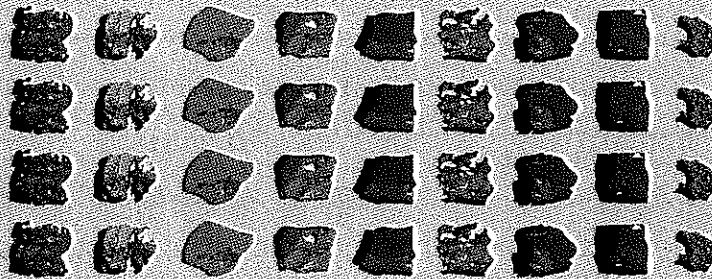
- 4 Alex baked 6 pans of muffins. Each pan has 6 muffins. How many muffins did Alex bake in all?

- A. 12
 B. 18
 C. 30
 D. 36

- 5 There are 10 oranges in a small box. A large box has 9 times as many oranges as the small box. How many oranges are in the large box?

- A. 19
 B. 90
 C. 91
 D. 109

- 6 Andre arranged his rocks in rows as shown below. Which statement is true? Mark all that apply.



- A. Add 9 and 4 to find the total number of rocks.
- B. Multiply 4 and 9 to find the total number of rocks.
- C. Andre could put that same number of rocks in 6 rows with 6 rocks in each row.
- D. Andre could put that same number of rocks in 5 rows with 8 rocks in each row.
- E. Andre has 32 total rocks.
- F. Andre has 36 total rocks.
- 7 Mr. Harper made a gate. He used 4 of the metal bars shown below.



Complete the equation to show the total length of metal bars Mr. Harper used.

$$\boxed{} \times 8 = \boxed{}$$