

Module Assessment

Name _____

1. Which number makes this equation true?

$$3 \times \underline{\quad} = 12$$

- A. 4
- B. 6
- C. 9
- D. 15

2. Multiply or divide.

$$6 \times 5 = \underline{\quad}$$

$$8 \div 2 = \underline{\quad}$$

$$20 \div 4 = \underline{\quad}$$

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

3. Mr. Davis sets up chairs for a school play.

He sets up 4 rows of 8 chairs.

How many chairs does Mr. Davis set up altogether?

Part A

Draw an array to represent the problem.

Part B

Which equations can be used to solve the problem?

Circle the **two** correct answers.

A. $4 \times 8 =$ _____

B. $8 \div 4 =$ _____

C. $4 \times 4 =$ _____

D. $8 + 8 + 8 + 8 =$ _____

E. $4 + 4 + 4 + 4 + 4 + 4 + 4 =$ _____

Part C

How many chairs does Mr. Davis set up altogether?

Mr. Davis sets up _____ chairs altogether.

4. Is each expression equal to 6×5 ?

Circle Yes or No.

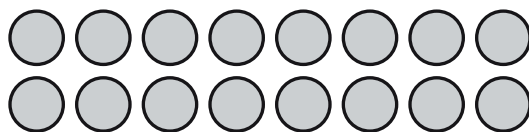
$(4 \times 5) + (2 \times 5)$ Yes No

$(2 \times 5) + (3 \times 5)$ Yes No

$(4 \times 5) \times (2 \times 5)$ Yes No

$(5 \times 5) + (1 \times 5)$ Yes No

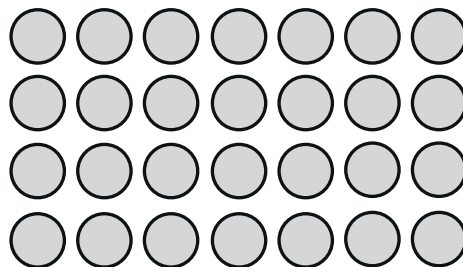
5. James draws this array to represent 2×8 .



He says the array also represents 8×2 .

Is James correct? Explain your thinking.

6. Fill in the blanks to find 7×4 . Use the array to help.



$$\begin{aligned}7 \times 4 &= (5 \times 4) + (\underline{\quad} \times 4) \\ &= 20 + \underline{\quad} \\ &= \underline{\quad}\end{aligned}$$

7. Which situations can be represented by $12 \div 3$?

Circle the **two** correct answers.

- A. The total of 12 books and 3 books
- B. The difference of 12 cookies and 3 cookies
- C. The total number of grapes when 3 children each have 12 grapes
- D. The number of rows of flowers when 12 flowers are planted in rows of 3
- E. The number of marbles in each group when 3 children share 12 marbles equally

8. Miss Wong's class plays a game.
- The students earn 5 points for each question they answer correctly.
 - They earn 40 points on Monday.

Part A

How many questions does the class answer correctly on Monday?

The class answers _____ questions correctly on Monday.

Part B

To find how many questions the class answers correctly, Miss Wong uses the equation

$$5 \times \underline{\hspace{2cm}} = 40.$$

Is Miss Wong using a correct equation? Explain.

Part C

The class answers 7 questions correctly on Tuesday.

What is the total number of points the class earns on Monday and Tuesday?

The total number of points the class earns on Monday and Tuesday is _____.

