

# MY Homework

## Lesson 5

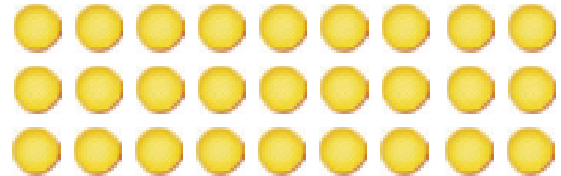
### Inverse Operations

## Homework Helper



Need help? [connectED.mcgraw-hill.com](http://connectED.mcgraw-hill.com)

The array represents 27 children lined up in 3 rows. Use the array to find each unknown.



$$9 \times \blacksquare = 27$$

$$? \div 3 = 9$$

$$\blacksquare = 3$$

$$? = 27$$

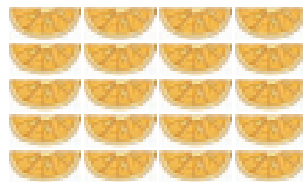
You know 3 rows of 9 = 27.

So, 9 rows of 3 = 27 and  
 $27 \div 3 = 9$ .

## Practice

**Algebra** Use the array to find each unknown.

1.  $\blacksquare \times 4 = 20$



$$? \div 5 = 4$$

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

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

2.  $4 \times \blacksquare = 16$



$$? \div 4 = 4$$

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

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

3.  $7 \times \blacksquare = 21$

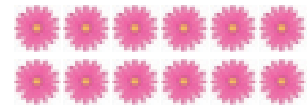


$$? \div 7 = 3$$

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

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

4.  $2 \times \blacksquare = 12$



$$? \div 2 = 6$$

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

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

Write the fact family for each set of numbers.

5. 5, 8, 40

\_\_\_\_\_

\_\_\_\_\_

6. 6, 7, 42

\_\_\_\_\_

\_\_\_\_\_

Write the set of numbers for each fact family.

7.  $4 \times 9 = 36$      $36 \div 4 = 9$

$9 \times 4 = 36$      $36 \div 9 = 4$

8.  $2 \times 8 = 16$      $16 \div 2 = 8$


$2 \times 8 = 16$      $16 \div 8 = 2$

\_\_\_\_\_

\_\_\_\_\_



## Problem Solving

9. **PRACTICE**  **Model Math** Tia has \$35 to spend on socks for the family. If each pair of socks costs \$5, how many pairs can she buy? Write a division sentence to solve.

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## Vocabulary Check



Draw a line to connect each vocabulary word with its definition.

- |                        |  |
|------------------------|--|
| 10. dividend           | • the number being divided                           |
| 11. divisor            | • a group of related facts that use the same numbers |
| 12. fact family        | • the answer to a division problem                   |
| 13. inverse operations | • the number by which a dividend is divided          |
| 14. quotient           | • operations that undo each other                    |

## Test Practice

15. Which pair shows inverse operations?

- (A)  $2 \times 2 = 4$ ;  $4 \div 2 = 2$     (C)  $2 \times 2 = 4$ ;  $8 \div 4 = 2$   
(B)  $2 \times 2 = 4$ ;  $4 - 2 = 2$     (D)  $2 \times 2 = 4$ ;  $4 \div 4 = 1$