# MY Momework 

## Lesson 1

Relate Division to Multiplication

## Homework Helper

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There are $\mathbf{2 0}$ students in the after-school program. There are 4 students in each group. How many groups are there?

Use a fact family.


So, $20 \div 4=5$. There are 5 groups in the after-school program.
Check Use a drawing.


## Practice

Write a fact family for each set of numbers.

1. $2,10,20$
2. $8,7,56$
3. $7,9,63$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$

## Divide. Write the related multiplication fact.

4. $36 \div$ $\qquad$ $=6$
$6 \times=36$
5. $77 \div 11=$ $\qquad$
6. $\qquad$ $\div 8=12$
$\qquad$ $\times 11=77$
$12 \times 8=$ $\qquad$

## Mathematical 2 Use Algebra Find the unknown number in each equation. Use a related division fact.

7. $4 \times b=12$
8. $3 \times n=45$
9. $6 \times k=18$
$b=$ $\qquad$ $n=$ $\qquad$
$k=$ $\qquad$

## Vocabulary Check <br> (10063

10. Choose the correct word(s) to complete the sentence below. A group of related facts that use the same numbers is called $a(n)$ _.

## Problem Solving

11. Julian places 8 books on each shelf of a bookcase. If he shelves 32 books, how many shelves are needed?
12. There are 15 cats ready for new homes at the pet store. There are 5 cages with cats in the store. If each cage has the same number of cats, how many cats are in each cage?
13. The leaves of a poison ivy plant are found in clusters of 3 . One poison ivy plant has a total of 21 leaves. How many leaf clusters does this plant have?

## Test Practice

14. A local pet store has a total of 72 fish in 9 tanks. Each tank holds the same number of fish. How many fish are in each tank?
(A) 6 fish
(C) 8 fish
(B) 7 fish
(D) 9 fish
