Solve Problems Involving Arrays

Let's solve problems involving arrays.

Warm-up

Number Talk: One Less Group

Find the value of each expression mentally.

- 10×2
- 9×2
- 8×2
- 7×2

Activity 1

Array of Colors

There are 7 rows. Each row has 5 crayons. How many crayons are there?

1. Solve this problem. Explain or show your reasoning.

2. Represent the situation with an array and a multiplication equation with a symbol for the unknown.

Activity 2

Tyler's Trees

For each problem:

- Write a multiplication equation with a symbol for the unknown to represent the situation.
- Solve the problem. Show your reasoning.



1. A field of coconut trees in Mexico has 5 rows of trees. Each row has 9 trees. How many trees are there?

2. Tyler wants to plant coconut trees in a community garden in Florida. He will plant 2 rows of 4 trees. How many trees will Tyler plant?