MY Homework

Lesson 1

Hands On: Model Multiplication

Homework Helper

eHelp

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Gina put 3 scoops of frozen yogurt in each bowl. There are 6 bowls. How many scoops of frozen yogurt are there?
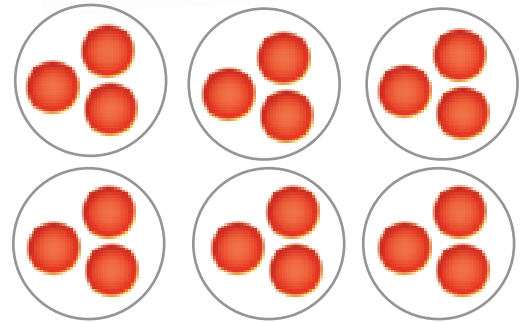
1 The model shows the total number of scoops.

There are 6 bowls, and each has 3 scoops. There are 6 groups of 3.

2 Use repeated addition to find the total.

$3 + 3 + 3 + 3 + 3 + 3 = 18$

There are 18 scoops of frozen yogurt.

Practice

Draw a model to find the total number. **1–4. See students' drawings.**
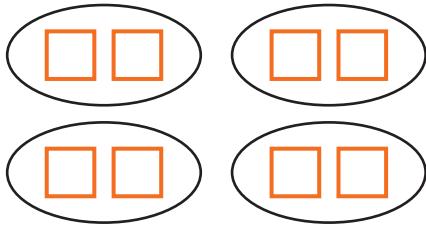
1. 2 groups of 8 equals ___16___

2. 5 groups of 7 equals ___35___

3. $6 \times 4 =$ ___24___

4. $4 \times 8 =$ ___32___

Describe each set of equal groups.

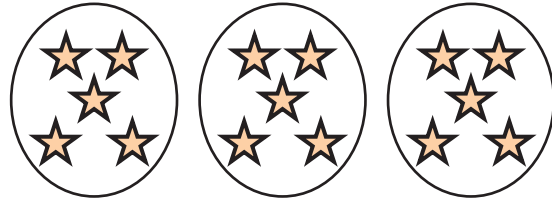**5.**

$\underline{2} + \underline{2} + \underline{2} + \underline{2} = \underline{8}$

$\underline{4}$ groups of $\underline{2} = \underline{8}$

6.

$\underline{5} + \underline{5} + \underline{5} = \underline{15}$

$\underline{3}$ groups of $\underline{5} = \underline{15}$

7. $6 \times 5 = \underline{30}$

$\underline{6}$ groups of $\underline{5} = \underline{30}$

8. $3 \times 4 = \underline{12}$

$\underline{3}$ groups of $\underline{4} = \underline{12}$

Problem Solving

Mathematical PRACTICE 4 **Model Math** **Complete each number sentence.**

9. Paulina played 3 soccer games on Saturday. She drank 1 juice box during each soccer game. How many juice boxes did she drink?

$\underline{1} + \underline{1} + \underline{1} = \underline{3}$ juice boxes

10. Daniel, Jamie, Molly, and Corey each have 4 books from the library. How many books do they have in all?

$\underline{4} + \underline{4} + \underline{4} + \underline{4} = \underline{16}$ library books

Vocabulary Check

11. Choose the correct word(s) to complete the sentence below.

equal groups   multiplication

You can use __**multiplication**__ to find the total number of objects in __**equal groups**__.