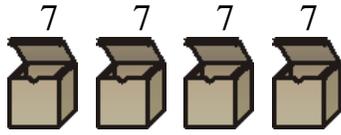


# Understanding Word Problems, Part 1



There are seven rocks in each box.  
That is a total of  $4 \times 7 = 28$  rocks.



Each shirt costs \$8. All totaled,  
they cost  $3 \times \$8 = \$24$ .

Whenever repeated addition (adding the same number many times) would solve a problem, you can use multiplication.

In such problems, EACH thing or person has the same amount, or EACH thing costs the same amount, and so on. Watch for the word “each” — it often means you use multiplication.

1. Write a multiplication sentence for each problem. You can draw pictures to help.

- a. Four children are playing tennis together.  
They each brought six balls.  
How many tennis balls do they have altogether?

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

- b. There are five people in the Smith family. Each person  
keeps a hand towel and a bath towel in the bathroom.  
How many towels are there hanging in their bathroom?

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

- c. A certain town has three post offices. Each post  
office has five workers. How many postal workers  
do the post offices have altogether?

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

- d. The Jones family ordered three veggie pizzas  
and one chicken pizza.  
Each pizza was sliced into four pieces.  
How many slices of pizza were there?

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

- e. Mrs. Anderson has two plastic flower pots and two  
ceramic ones. In each pot there are five flowers.  
How many flowers does she have?

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

- f. The teacher was putting crayons in bags. She had  
seven bags, but one of the bags was broken, so she  
only used six. She put 10 crayons in each bag.  
How many crayons did the teacher put in the bags?

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