

Name \_\_\_\_\_

Date \_\_\_\_\_

## Multiplication and Division Word Problems - Guided Lesson Explanation

### Explanation to #1

Step 1) Identify what is being asked of you.

"How many cherries are on each cake?"

Step 2) We know that there are 30 cherries and 6 cakes. To find out how they are shared equally over all the cakes, we would divide the total number of cherries by the number of cakes.

$$30 / 6 = 5 \text{ Cherries}$$

Step 3) So, there are 5 cherries in each cake.

### Explanation to #2

There are 10 bottles of Pepsi stored in each box. There are 30 boxes. To find the total, multiply the two numbers.

$$30 \times 10 = 300 \text{ bottles of Pepsi}$$

### Explanation to #3

This is a 2-part question. We first divide 240 oranges by 40 students and then find out the total number of apples.

Step 1) 240 oranges divided by 40 students, will show us how the students shared the oranges.

$$240 / 40 = 6 \text{ oranges}$$

As we can see above, each student got 6 oranges.

Step 2) Now we look to the apples. Instead of sharing the apples, we are just looking for the total number of apples.

There were 40 students and each has 10 apples.

$$\text{Total apples} = 40 \times 10 = 400 \text{ apples}$$

