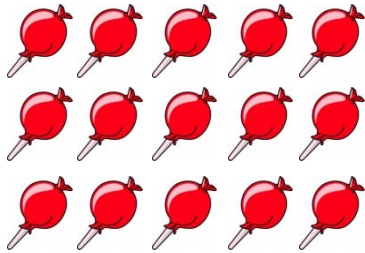


Name \_\_\_\_\_

Date \_\_\_\_\_

### Division as Sharing - Step-by-Step Lesson








Share the candies so that each girl has four more than the next one.

#### Explanation:

#### Step 1) Find the number of candies we have.

There are 3 rows of 5 candies =  $5 + 5 + 5 = 15$

#### Step 2) Write an equation for the situation.

Each girl has four more than the first. So we could say that the first girl has  $x$  number of candies and each girl has four more than the next one. This can be written as:

First girl =  $x$       Second Girl =  $x + 4$       Third Girl =  $x + 8$

Put it all together to equal 15.

$$x + (x + 4) + (x + 8) = 15$$

#### Step 3) Solve for $x$ .

$$x + (x + 4) + (x + 8) = 15 \quad \text{Rewrite the problem.}$$

$$3x + 12 = 15 \quad \text{Solve by subtracting 12 and dividing by 3.}$$

$$x = 1$$

#### Step 4) Solve the situation by substituting a value for $x$ .

First girl = 1      Second Girl =  $1 + 4$       Third Girl =  $1 + 8$



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We will give one candy to first girl then we will give five candies to second because according to the question the second one should got four more than the first. Now we will give nine candies to the third one.

Now, we will divide candies as 1, 5, 9.

So, the answer is 1, 5, 9.

