

Name 3rd Grade student

Date 10/4/17

Problem: For the "Tree of Treasures," the group has decided to fill the trees with 35 ornaments, 25 marigold seed packets, 15 rock collections, 25 "jackpot" envelopes, and 20 mystery envelopes.

Part 1: How many total items will they hang from the trees?

Extra Challenge Part 2: If they plan to hang an equal amount on three different trees, about how many treasures will they need to hang on each tree?

What do I know and what do I need to find out?

I know:

35 O, 25 MSP, 15 RC, 25 JE, and 20 ME

I need to find out:

1. How many total items? 2. how many treasures

Write as an equation:

$$35 + 25 + 15 + 20 + 25 = \boxed{120}$$

$$120 \div 3 = \boxed{40}$$

Your work:

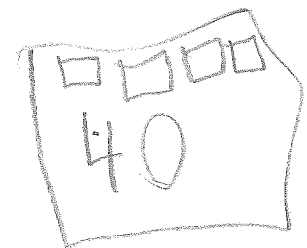
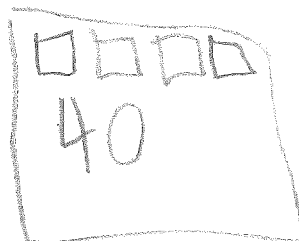
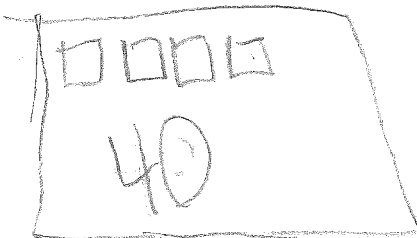
$$\begin{array}{r} 35 \\ + 35 \\ + 25 \\ \hline 60 \end{array}$$

$$\begin{array}{r} 60 \\ + 15 \\ \hline 75 \end{array}$$

$$\begin{array}{r} 75 \\ + 20 \\ \hline 95 \end{array}$$

$$\begin{array}{r} 95 \\ + 25 \\ \hline 120 \end{array}$$

Beautiful
visualization!
↙



Look back and check your work. Write your answer in a sentence:

1. They will hang 120 items in the trees. *

They will need to hang 40 items in each tree. *

Name 3rd Grade Student

Date 10/5/17

Problem: The Doughnut Bite Group will be collecting 18 dozen doughnuts. (Remember a dozen means 12 doughnuts.)

Part 1: How many total doughnuts will they have for Arborfest?

Extra Challenge Part 2: If they plan to hang the doughnuts on three trees, about how many doughnuts will they need to hang on each tree?

What do I know and what do I need to find out?

I know:

18 dozen doughnuts & dozen is 12

I need to find out:

1. How many doughnuts?

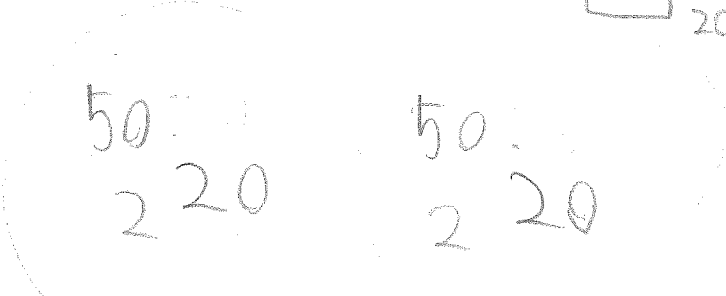
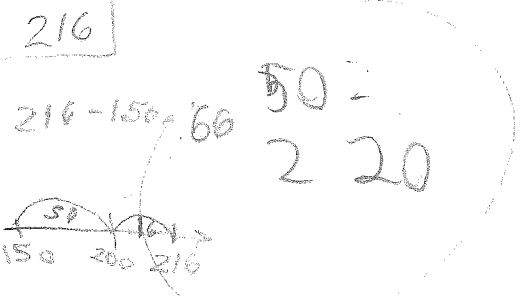
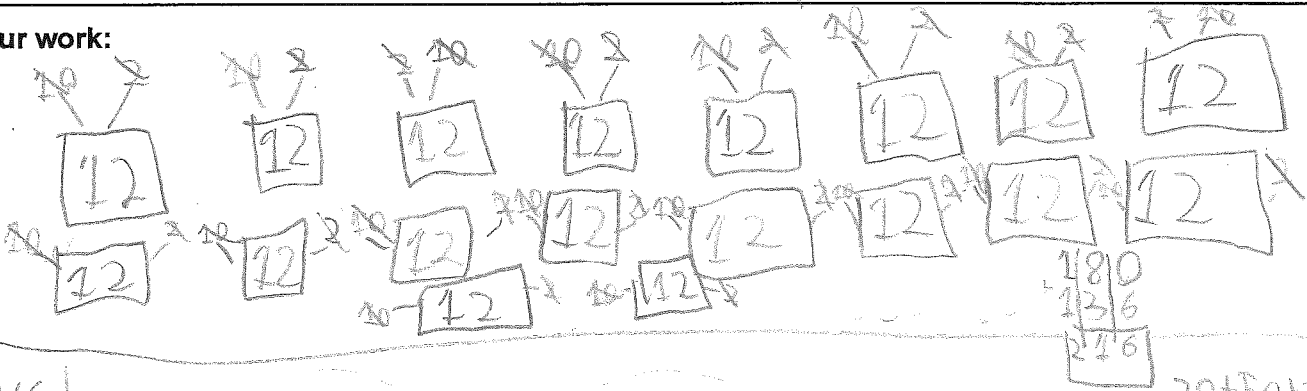
Write as an equation:

$$18 \times 12 = \boxed{216}$$

$$216 \div 3 = \boxed{72}$$

$$3 \div 216 = \boxed{}$$

Your work:



$$20 + 50 + 2 = 72$$

Look back and check your work. Write your answer in a sentence:

They will have 216 doughnuts.

They will need to hang 72 doughnuts on each tree.