Name:

Solve each problem using a tape diagram.

Ex) A chef was ordering vegetables for his restaurant. He order $245 worth of potatoes. He also spent $\frac{3}{7}$ as much on tomatoes. Finally he spent $\frac{2}{3}$ as much on green beans as he did on tomatoes. How much did he spend on green beans?

Ex. _____**70**_____

1. _____

2. _____

3. _____

1) At the school fundraiser Adam earned $99. Bianca earned $\frac{5}{9}$ as much as Adam. And Cathy earned $\frac{2}{5}$ as much as Bianca. How much did Cathy earn?

4. _____

2) Nancy was looking at her Nintendo collection. She had 432 wiiU games. She had $\frac{5}{6}$ as many DS games and $\frac{4}{5}$ as many 3ds games as DS games. How many 3ds games does she have?
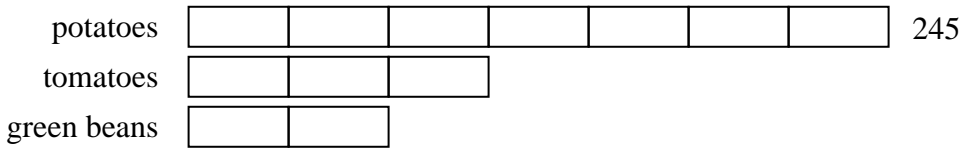
3) Gwen was trying to determine the weight of a small rock. She determined the small rock was $\frac{3}{6}$ as heavy as a medium rock. The medium rock was $\frac{6}{10}$ as heavy as a large rock. The large rock weighed 380 grams. How heavy was the small rock?

4) Two years ago the fair had $\frac{4}{5}$ as many people as 1 year ago. 1 year ago the fair had $\frac{5}{6}$ as many people as this year. This year the fair had 318 people. How many people did the fair have 2 years ago?
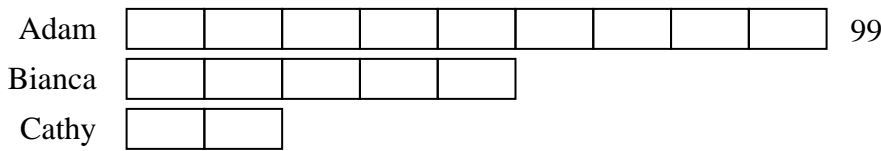
1-4 | 75 | 50 | 25 | 0
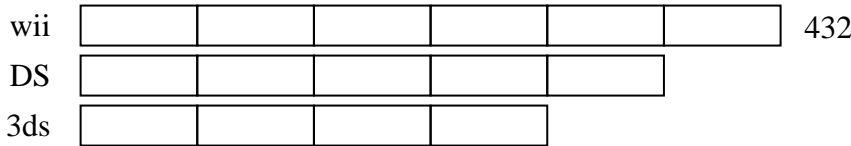
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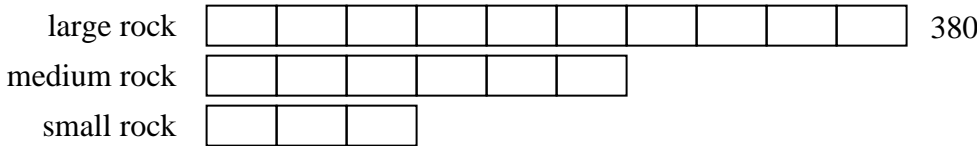
potatoes ▢▢▢▢▢▢▢ 245

tomatoes ▢▢▢

green beans ▢▢

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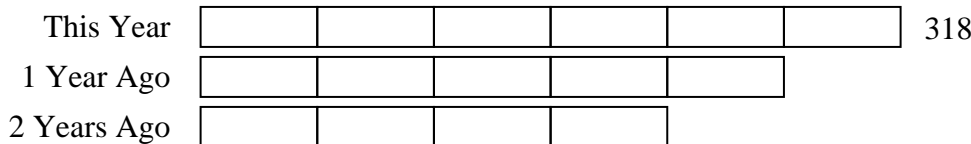
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wii ▢▢▢▢▢▢ 432

DS ▢▢▢▢▢

3ds ▢▢▢▢

3) Gwen was trying to determine the weight of a small rock. She determined the small rock was $\frac{3}{6}$ as heavy as a medium rock. The medium rock was $\frac{6}{10}$ as heavy as a large rock. The large rock weighed 380 grams. How heavy was the small rock?

large rock ▢▢▢▢▢▢▢▢▢▢ 380

medium rock ▢▢▢▢▢▢

small rock ▢▢▢

4) Two years ago the fair had $\frac{4}{5}$ as many people as 1 year ago. 1 year ago the fair had $\frac{5}{6}$ as many people as this year. This year the fair had 318 people. How many people did the fair have 2 years ago?

This Year ▢▢▢▢▢▢ 318

1 Year Ago ▢▢▢▢▢

2 Years Ago ▢▢▢▢