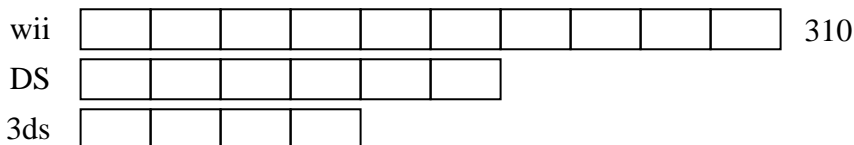


**Solve each problem using a tape diagram.**

- Ex)** Robin was looking at her Nintendo collection. She had 310 wiiU games. She had $\frac{6}{10}$ as many DS games and $\frac{4}{6}$ as many 3ds games as DS games. How many 3ds games does she have?



- 1) A chef was ordering vegetables for his restaurant. He order \$320 worth of potatoes. He also spent $\frac{8}{10}$ as much on tomatoes. Finally he spent $\frac{6}{8}$ as much on green beans as he did on tomatoes. How much did he spend on green beans?
- 2) At the school fundraiser Adam earned \$273. Bianca earned $\frac{4}{7}$ as much as Adam. And Cathy earned $\frac{3}{4}$ as much as Bianca. How much did Cathy earn?
- 3) Two years ago the fair had $\frac{1}{2}$ as many people as 1 year ago. 1 year ago the fair had $\frac{2}{8}$ as many people as this year. This year the fair had 256 people. How many people did the fair have 2 years ago?
- 4) Rachel was trying to determine the weight of a small rock. She determined the small rock was $\frac{1}{2}$ as heavy as a medium rock. The medium rock was $\frac{2}{6}$ as heavy as a large rock. The large rock weighed 372 grams. How heavy was the small rock?

AnswersEx. 124

1. _____

2. _____

3. _____

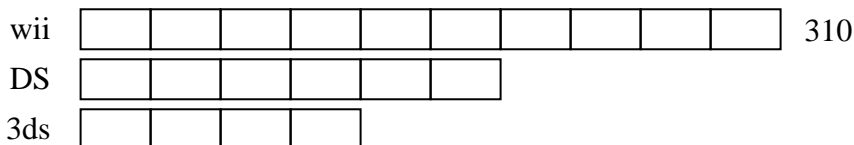
4. _____

5. _____

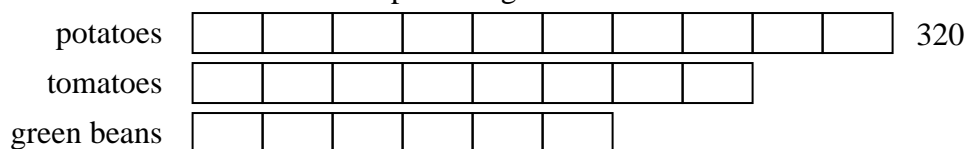


Solve each problem using a tape diagram.

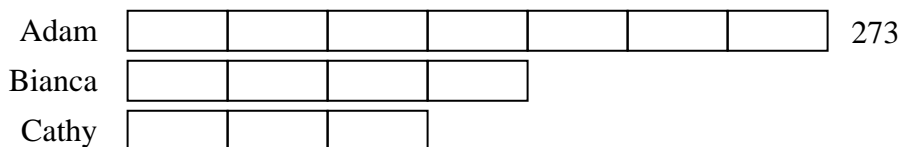
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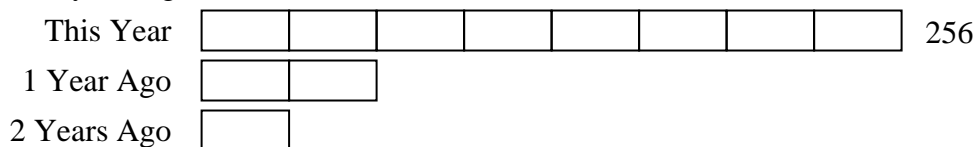
- 1)** A chef was ordering vegetables for his restaurant. He order \$320 worth of potatoes. He also spent $\frac{8}{10}$ as much on tomatoes. Finally he spent $\frac{6}{8}$ as much on green beans as he did on tomatoes. How much did he spend on green beans?



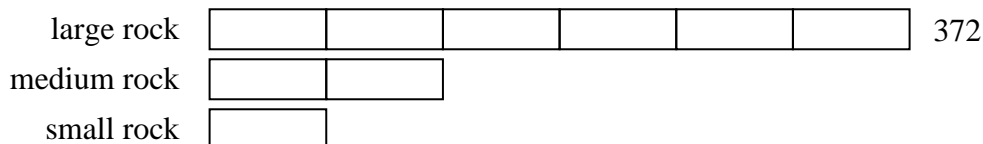
- 2)** At the school fundraiser Adam earned \$273. Bianca earned $\frac{4}{7}$ as much as Adam. And Cathy earned $\frac{3}{4}$ as much as Bianca. How much did Cathy earn?



- 3)** Two years ago the fair had $\frac{1}{2}$ as many people as 1 year ago. 1 year ago the fair had $\frac{2}{8}$ as many people as this year. This year the fair had 256 people. How many people did the fair have 2 years ago?



- 4)** Rachel was trying to determine the weight of a small rock. She determined the small rock was $\frac{1}{2}$ as heavy as a medium rock. The medium rock was $\frac{2}{6}$ as heavy as a large rock. The large rock weighed 372 grams. How heavy was the small rock?



Answers

Ex. 124

1. 192

2. 117

3. 32

4. 62

5. 43