

Solve each problem using a tape diagram.

**Answers**

Ex) Isabel was looking at her Nintendo collection. She had 414 wiiU games. She had  $\frac{2}{6}$  as many DS games and  $\frac{1}{2}$  as many 3ds games as DS games. How many 3ds games does she have?

Ex. 69

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

1) Bianca was trying to determine the weight of a small rock. She determined the small rock was  $\frac{1}{3}$  as heavy as a medium rock. The medium rock was  $\frac{3}{7}$  as heavy as a large rock. The large rock weighed 357 grams. How heavy was the small rock?

2) At the school fundraiser Adam earned \$160. Bianca earned  $\frac{2}{10}$  as much as Adam. And Cathy earned  $\frac{1}{2}$  as much as Bianca. How much did Cathy earn?

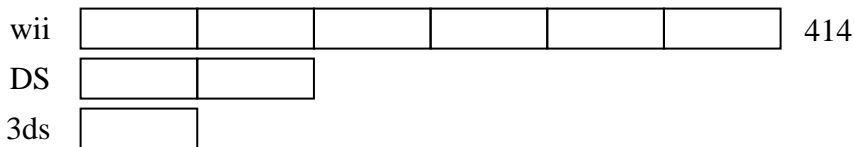
3) A chef was ordering vegetables for his restaurant. He order \$380 worth of potatoes. He also spent  $\frac{8}{10}$  as much on tomatoes. Finally he spent  $\frac{1}{8}$  as much on green beans as he did on tomatoes. How much did he spend on green beans?

4) Two years ago the fair had  $\frac{2}{4}$  as many people as 1 year ago. 1 year ago the fair had  $\frac{4}{10}$  as many people as this year. This year the fair had 900 people. How many people did the fair have 2 years ago?

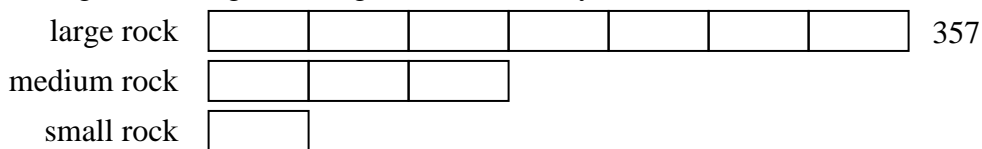


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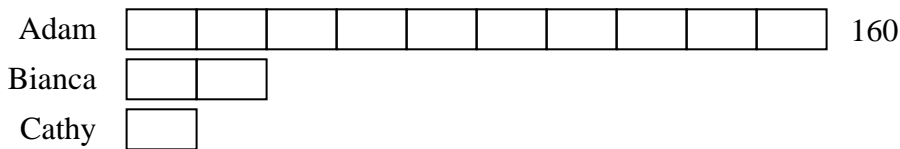
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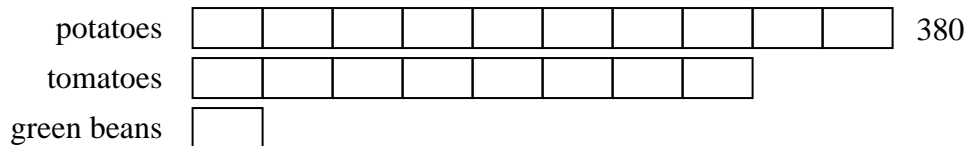
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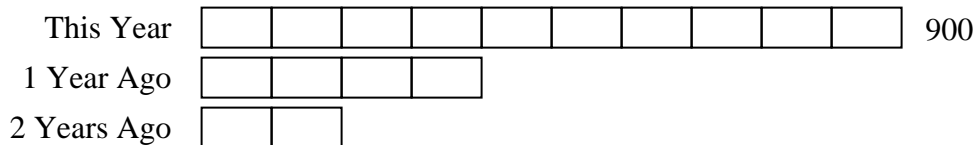
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Answers

Ex. 69

1. 51

2. 16

3. 38

4. 180