



Solve each problem using a tape diagram.

**Answers**

Ex) At the school fundraiser Adam earned \$210. Bianca earned  $\frac{6}{10}$  as much as Adam. And Cathy earned  $\frac{5}{6}$  as much as Bianca. How much did Cathy earn?

Ex. 105

1) Two years ago the fair had  $\frac{3}{4}$  as many people as 1 year ago. 1 year ago the fair had  $\frac{4}{7}$  as many people as this year. This year the fair had 343 people. How many people did the fair have 2 years ago?

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

2) On Super Bowl Sunday a store sold 408 sodas. They sold  $\frac{5}{8}$  as many bags of chips. They also sold  $\frac{2}{5}$  as many jars of dip as bags of chips. How many jars of dip did they sell?

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

3) Janet was looking at her Nintendo collection. She had 340 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?

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

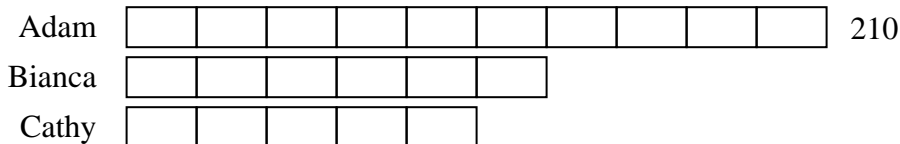
4) Bianca was trying to determine the weight of a small rock. She determined the small rock was  $\frac{3}{8}$  as heavy as a medium rock. The medium rock was  $\frac{8}{10}$  as heavy as a large rock. The large rock weighed 870 grams. How heavy was the small rock?

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

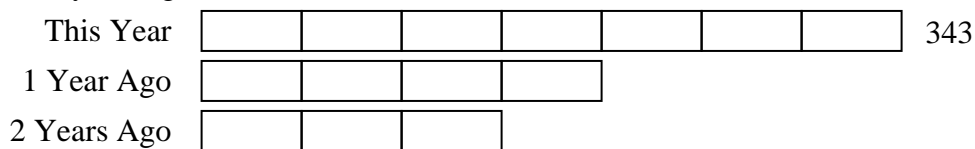


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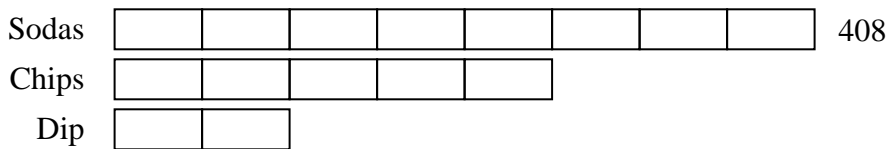
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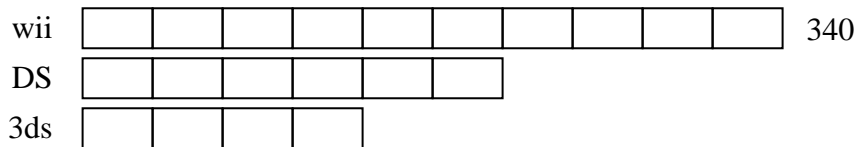
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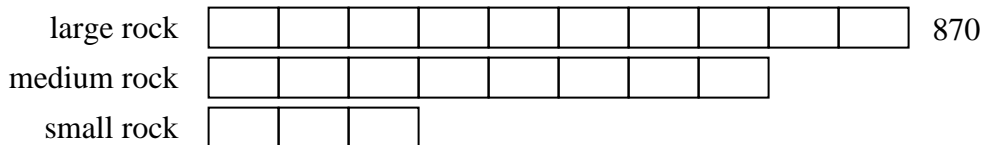
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Answers

Ex. 105

1. 147

2. 102

3. 136

4. 261