



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) Tiffany 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. \_\_\_\_\_

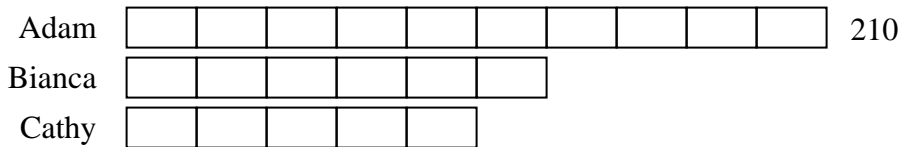
4) Isabel was trying to determine the weight of a small rock. She determined the small rock was  $\frac{3}{8}$  as heavy as a medium rock. The medium rock was  $\frac{8}{10}$  as heavy as a large rock. The large rock weighed 870 grams. How heavy was the small rock?

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

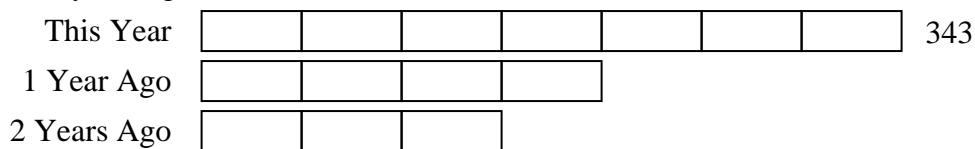


Solve each problem using a tape diagram.

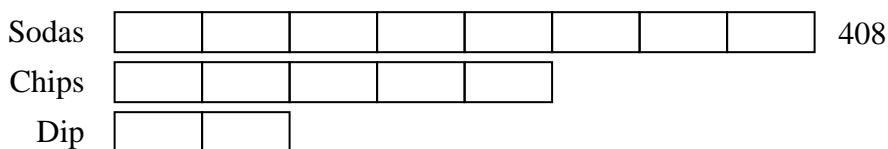
Ex) At the school fundraiser Adam earned \$210. Bianca earned  $\frac{6}{10}$  as much as Adam. And Cathy earned  $\frac{5}{6}$  as much as Bianca. How much did Cathy earn?



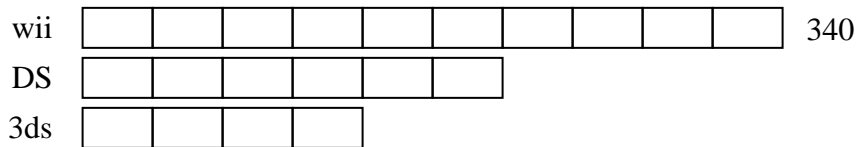
1) Two years ago the fair had  $\frac{3}{4}$  as many people as 1 year ago. 1 year ago the fair had  $\frac{4}{7}$  as many people as this year. This year the fair had 343 people. How many people did the fair have 2 years ago?



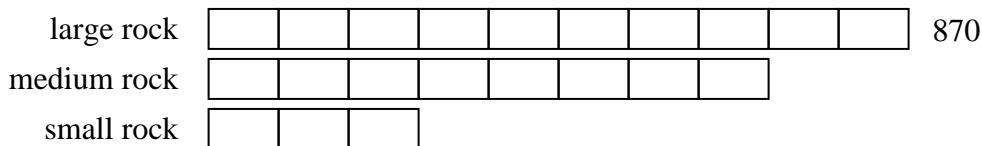
2) On Super Bowl Sunday a store sold 408 sodas. They sold  $\frac{5}{8}$  as many bags of chips. They also sold  $\frac{2}{5}$  as many jars of dip as bags of chips. How many jars of dip did they sell?



3) Tiffany 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?



4) Isabel 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?



Answers

Ex. 105

1. 147

2. 102

3. 136

4. 261