

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

Ex) On Super Bowl Sunday a store sold 500 sodas. They sold $\frac{6}{10}$ as many bags of chips. They also sold $\frac{2}{6}$ as many jars of dip as bags of chips. How many jars of dip did they sell?

Ex. 100

1. _____

2. _____

3. _____

4. _____

1) Tiffany was looking at her Nintendo collection. She had 890 wiiU games. She had $\frac{8}{10}$ as many DS games and $\frac{3}{8}$ as many 3ds games as DS games. How many 3ds games does she have?

2) 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 330 people. How many people did the fair have 2 years ago?

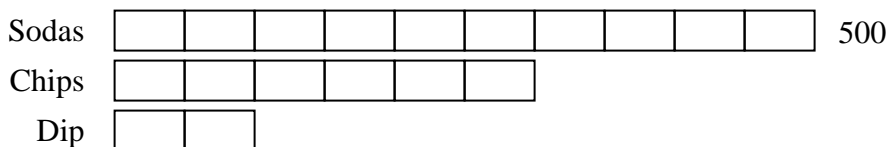
3) At the school fundraiser Adam earned \$408. Bianca earned $\frac{5}{8}$ as much as Adam. And Cathy earned $\frac{4}{5}$ as much as Bianca. How much did Cathy earn?

4) Lana was trying to determine the weight of a small rock. She determined the small rock was $\frac{2}{4}$ as heavy as a medium rock. The medium rock was $\frac{4}{5}$ as heavy as a large rock. The large rock weighed 300 grams. How heavy was the small rock?

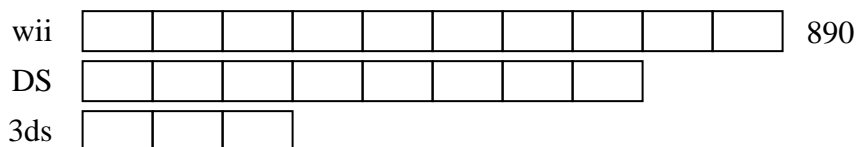


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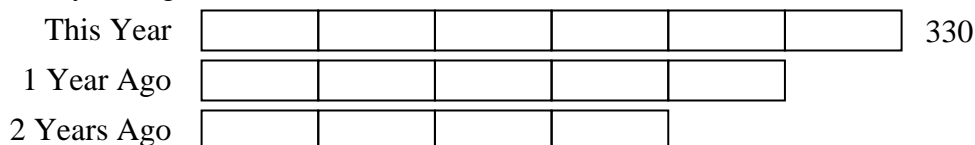
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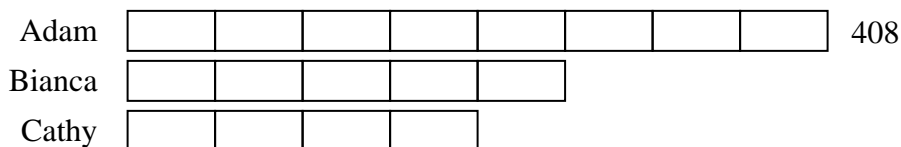
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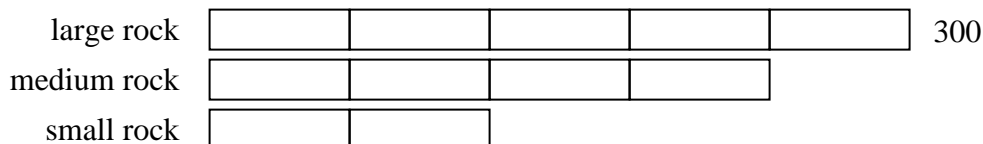
- 2)** Two years ago the fair had $\frac{4}{5}$ as many people as 1 year ago. 1 year ago the fair had $\frac{5}{6}$ as many people as this year. This year the fair had 330 people. How many people did the fair have 2 years ago?



- 3)** At the school fundraiser Adam earned \$408. Bianca earned $\frac{5}{8}$ as much as Adam. And Cathy earned $\frac{4}{5}$ as much as Bianca. How much did Cathy earn?



- 4)** Lana was trying to determine the weight of a small rock. She determined the small rock was $\frac{2}{4}$ as heavy as a medium rock. The medium rock was $\frac{4}{5}$ as heavy as a large rock. The large rock weighed 300 grams. How heavy was the small rock?



Answers

Ex. 100

1. 267

2. 220

3. 204

4. 120