Fraction Comparisons With Tape Diagram

Name:

Solve each problem using a tape diagram.

Ex) On Super Bowl Sunday a store sold 416 sodas. They sold $\frac{2}{8}$ as many bags of chips. They also sold $\frac{1}{2}$ as many jars of dip as bags of chips. How many jars of dip did they sell?

1) At the school fundraiser Adam earned $72. Bianca earned $\frac{4}{6}$ as much as Adam. And Cathy earned $\frac{3}{4}$ as much as Bianca. How much did Cathy earn?

2) Two years ago the fair had $\frac{2}{4}$ as many people as 1 year ago. 1 year ago the fair had $\frac{4}{5}$ as many people as this year. This year the fair had 250 people. How many people did the fair have 2 years ago?

3) A chef was ordering vegetables for his restaurant. He order $900 worth of potatoes. He also spent $\frac{4}{10}$ as much on tomatoes. Finally he spent $\frac{1}{4}$ as much on green beans as he did on tomatoes. How much did he spend on green beans?

4) Amy was trying to determine the weight of a small rock. She determined the small rock was $\frac{2}{3}$ as heavy as a medium rock. The medium rock was $\frac{3}{5}$ as heavy as a large rock. The large rock weighed 265 grams. How heavy was the small rock?

Answers

Ex. 52

1. _____

2. _____

3. _____

4. _____

1-4	75	50	25	0

Fraction Comparisons With Tape Diagram Name: **Answer Key**

Solve each problem using a tape diagram.

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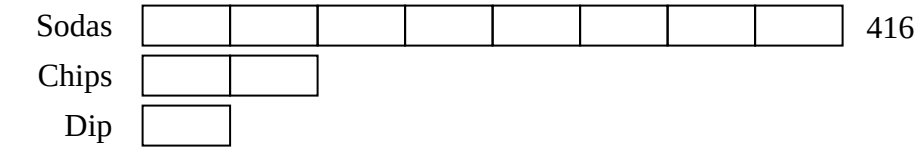

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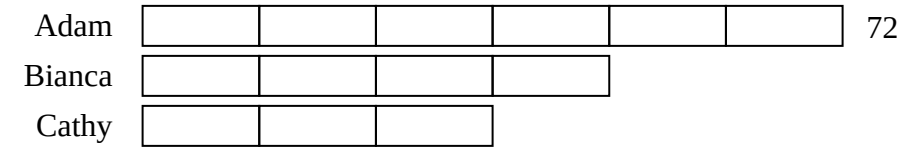
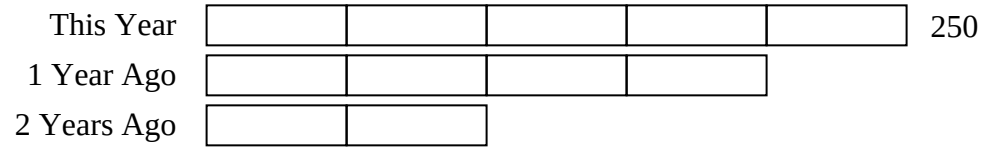


2) Two years ago the fair had $^{2}/_{4}$ as many people as 1 year ago. 1 year ago the fair had $^{4}/_{5}$ as many people as this year. This year the fair had 250 people. How many people did the fair have 2 years ago?



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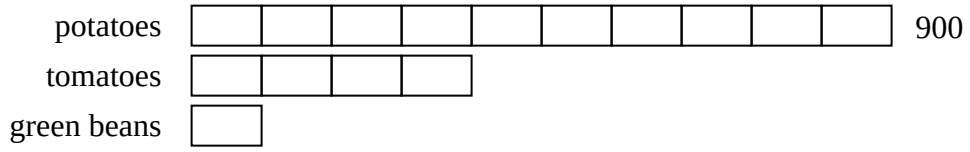

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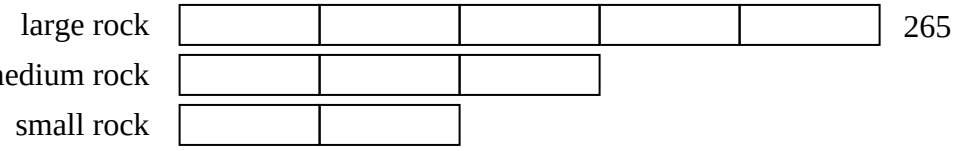

Answers

Ex. 52

1. 36

2. 100

3. 90

4. 106