Fraction Comparisons With Tape Diagram

Name:

Solve each problem using a tape diagram.

Ex) Two years ago the fair had $\frac{1}{3}$ as many people as 1 year ago. 1 year ago the fair had $\frac{3}{6}$ as many people as this year. This year the fair had 96 people. How many people did the fair have 2 years ago?

1) A chef was ordering vegetables for his restaurant. He order $245 worth of potatoes. He also spent $\frac{4}{7}$ as much on tomatoes. Finally he spent $\frac{2}{4}$ as much on green beans as he did on tomatoes. How much did he spend on green beans?

2) At the school fundraiser Adam earned $610. Bianca earned $\frac{7}{10}$ as much as Adam. And Cathy earned $\frac{4}{7}$ as much as Bianca. How much did Cathy earn?

3) On Super Bowl Sunday a store sold 180 sodas. They sold $\frac{5}{6}$ as many bags of chips. They also sold $\frac{4}{5}$ as many jars of dip as bags of chips. How many jars of dip did they sell?

4) Paige was looking at her Nintendo collection. She had 480 wiiU games. She had $\frac{6}{8}$ as many DS games and $\frac{3}{6}$ as many 3ds games as DS games. How many 3ds games does she have?

Answers

Ex. 16

1. _____

2. _____

3. _____

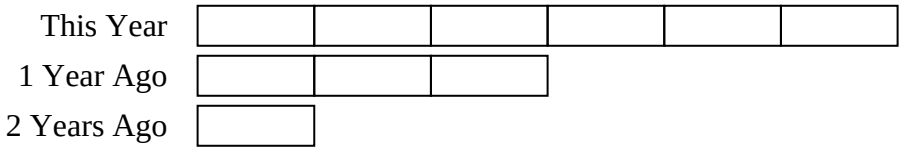
4. _____

1-4	75	50	25	0

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

Solve each problem using a tape diagram.

Ex) Two years ago the fair had $\frac{1}{3}$ as many people as 1 year ago. 1 year ago the fair had $\frac{3}{6}$ as many people as this year. This year the fair had 96 people. How many people did the fair have 2 years ago?



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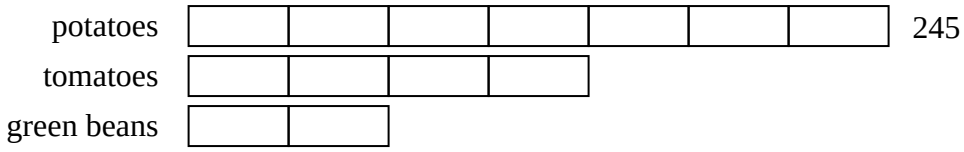

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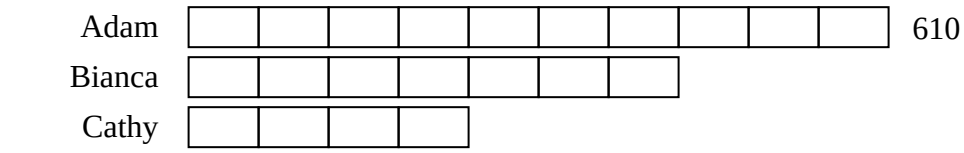

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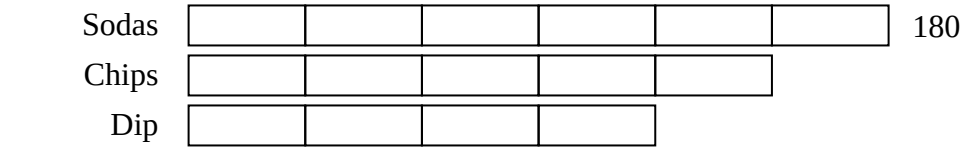

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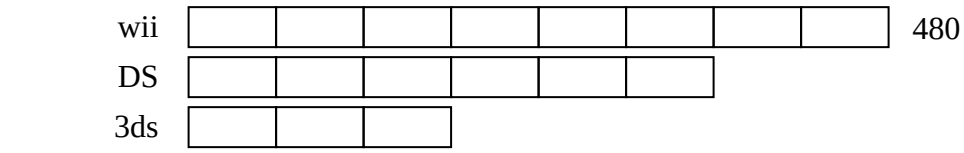

Answers

Ex. 16

1. 70

2. 244

3. 120

4. 180

1-4	75	50	25	0