Solve each problem using a tape diagram.

1) At the school fundraiser Adam earned $133. Bianca earned $6/7 as much as Adam. And Cathy earned $1/6 as much as Bianca. How much did Cathy earn?

2) Rachel was looking at her Nintendo collection. She had 588 wiiU games. She had $3/7$ as many DS games and $2/3$ as many 3ds games as DS games. How many 3ds games does she have?

3) On Super Bowl Sunday a store sold 639 sodas. They sold $5/9$ as many bags of chips. They also sold $3/5$ as many jars of dip as bags of chips. How many jars of dip did they sell?

4) A chef was ordering vegetables for his restaurant. He order $200 worth of potatoes. He also spent $2/10$ as much on tomatoes. Finally he spent $1/2$ as much on green beans as he did on tomatoes. How much did he spend on green beans?

5) 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 100 people. How many people did the fair have 2 years ago?

Answers:
1. 
2. 
3. 
4. 
5. 

Fraction Comparisons With Tape Diagram
Math
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1) At the school fundraiser Adam earned $133. Bianca earned $\frac{6}{7}$ as much as Adam. And Cathy earned $\frac{1}{6}$ as much as Bianca. How much did Cathy earn?

Adam: ___________________________ 133
Bianca: ___________________________
Cathy: ___________________________

2) Rachel was looking at her Nintendo collection. She had 588 wiiU games. She had $\frac{3}{7}$ as many DS games and $\frac{2}{3}$ as many 3ds games as DS games. How many 3ds games does she have?

wii: ___________________________ 588
DS: ___________________________
3ds: ___________________________

3) On Super Bowl Sunday a store sold 639 sodas. They sold $\frac{5}{9}$ as many bags of chips. They also sold $\frac{3}{5}$ as many jars of dip as bags of chips. How many jars of dip did they sell?

Sodas: ___________________________ 639
Chips: ___________________________
Dip: ___________________________

4) A chef was ordering vegetables for his restaurant. He order $200 worth of potatoes. He also spent $\frac{2}{10}$ as much on tomatoes. Finally he spent $\frac{1}{2}$ as much on green beans as he did on tomatoes. How much did he spend on green beans?

potatoes: ___________________________ 200
tomatoes: _________________________
green beans: _________________________

5) 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 100 people. How many people did the fair have 2 years ago?

This Year: ___________________________ 100
1 Year Ago: _________________________
2 Years Ago: _________________________