

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

**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?

Ex. 16

**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?

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

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

**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?

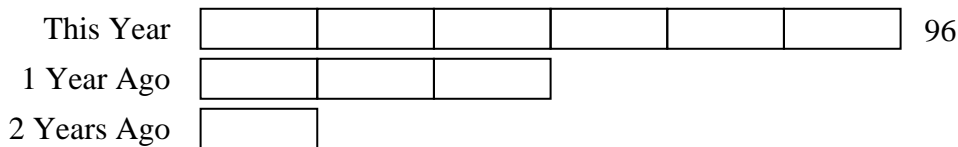
**3)** On Super Bowl Sunday a store sold 180 sodas. They sold  $\frac{5}{6}$  as many bags of chips. They also sold  $\frac{4}{5}$  as many jars of dip as bags of chips. How many jars of dip did they sell?

**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?

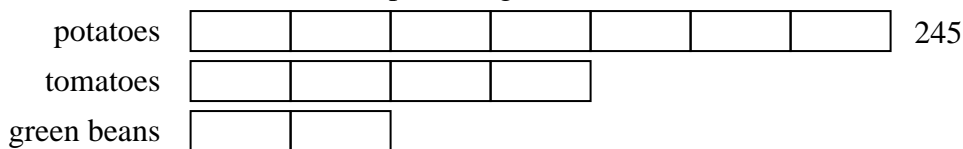


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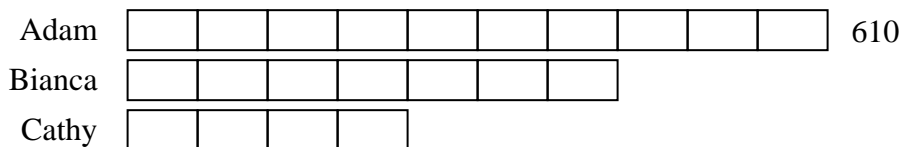
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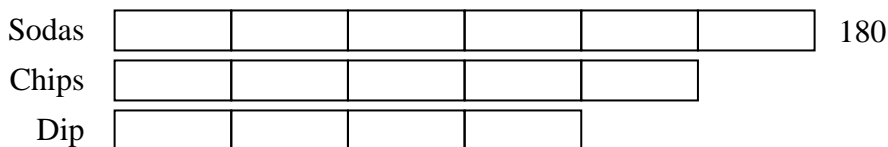
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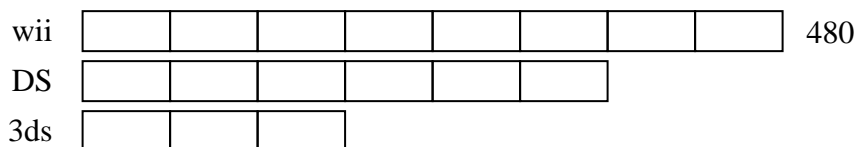
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**Answers**Ex. 161. 702. 2443. 1204. 180