

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

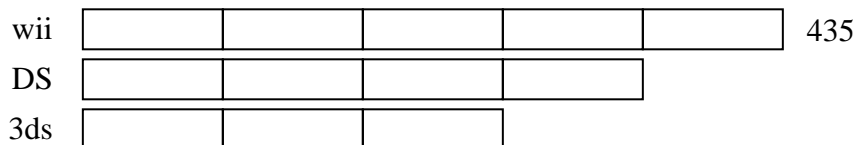
- 1) Paige was looking at her Nintendo collection. She had 435 wiiU games. She had  $\frac{4}{5}$  as many DS games and  $\frac{3}{4}$  as many 3ds games as DS games. How many 3ds games does she have?
  
  
  
  
  
  
  
  
  
  
- 2) On Super Bowl Sunday a store sold 345 sodas. They sold  $\frac{2}{5}$  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?
  
  
  
  
  
  
  
  
  
  
- 3) A chef was ordering vegetables for his restaurant. He order \$320 worth of potatoes. He also spent  $\frac{2}{5}$  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?
  
  
  
  
  
  
  
  
  
  
- 4) At the school fundraiser Adam earned \$990. Bianca earned  $\frac{6}{10}$  as much as Adam. And Cathy earned  $\frac{1}{6}$  as much as Bianca. How much did Cathy earn?
  
  
  
  
  
  
  
  
  
  
- 5) Two years ago the fair had  $\frac{3}{5}$  as many people as 1 year ago. 1 year ago the fair had  $\frac{5}{7}$  as many people as this year. This year the fair had 105 people. How many people did the fair have 2 years ago?

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_

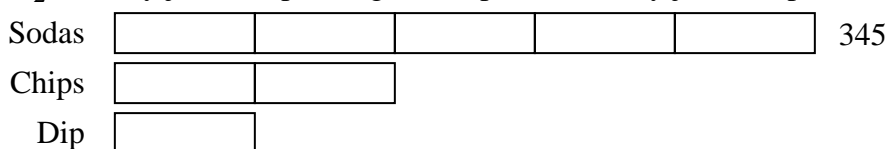


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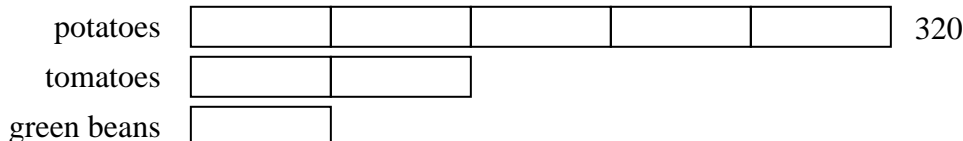
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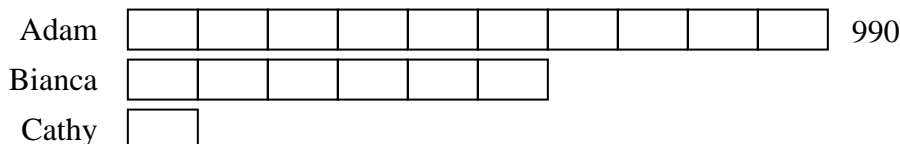
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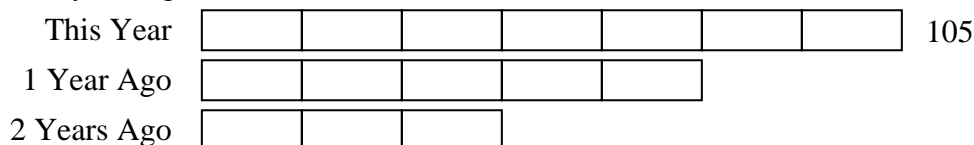
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## Answers

1. **261**
2. **69**
3. **64**
4. **99**
5. **45**