



Solve each problem using a tape diagram.

- 1) At the school fundraiser Adam earned \$216. Bianca earned  $\frac{7}{8}$  as much as Adam. And Cathy earned  $\frac{2}{7}$  as much as Bianca. How much did Cathy earn?
  
  
  
  
  
  
  
  
  
  
- 2) Two years ago the fair had  $\frac{2}{5}$  as many people as 1 year ago. 1 year ago the fair had  $\frac{5}{6}$  as many people as this year. This year the fair had 396 people. How many people did the fair have 2 years ago?
  
  
  
  
  
  
  
  
  
  
- 3) Gwen was trying to determine the weight of a small rock. She determined the small rock was  $\frac{3}{7}$  as heavy as a medium rock. The medium rock was  $\frac{7}{8}$  as heavy as a large rock. The large rock weighed 184 grams. How heavy was the small rock?
  
  
  
  
  
  
  
  
  
  
- 4) A chef was ordering vegetables for his restaurant. He order \$567 worth of potatoes. He also spent  $\frac{3}{9}$  as much on tomatoes. Finally he spent  $\frac{2}{3}$  as much on green beans as he did on tomatoes. How much did he spend on green beans?
  
  
  
  
  
  
  
  
  
  
- 5) On Super Bowl Sunday a store sold 259 sodas. They sold  $\frac{3}{7}$  as many bags of chips. They also sold  $\frac{2}{3}$  as many jars of dip as bags of chips. How many jars of dip did they sell?

Answers

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

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

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

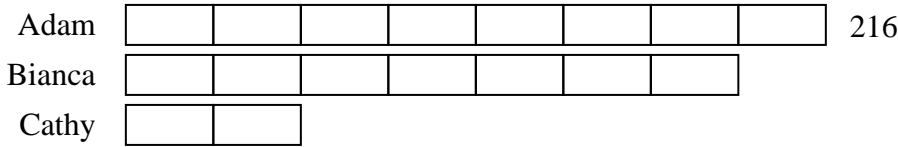
4. \_\_\_\_\_

5. \_\_\_\_\_

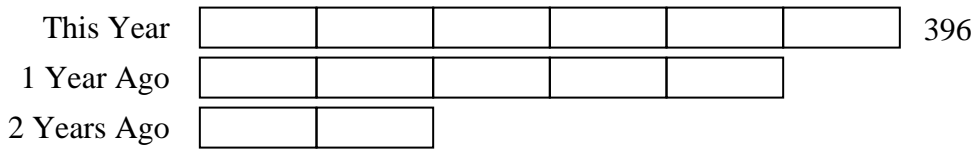


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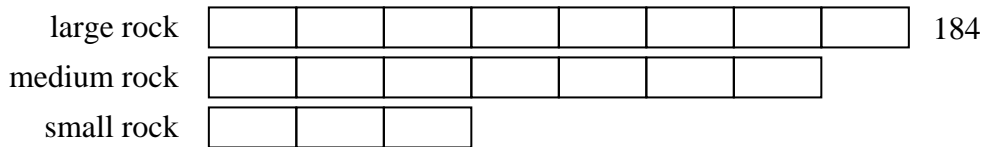
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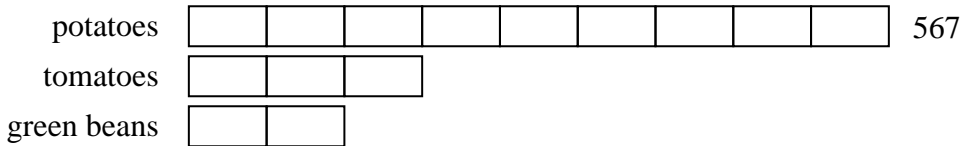
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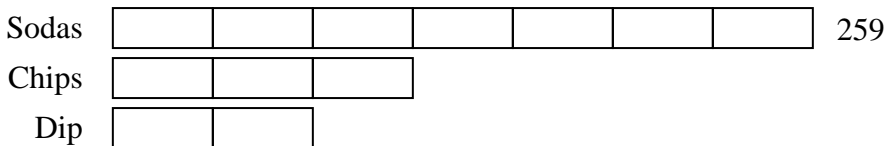
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Answers

1. 54

2. 132

3. 69

4. 126

5. 74