



Solve each problem using a tape diagram.

Answers

- 1) Sarah was trying to determine the weight of a small rock. She determined the small rock was $\frac{3}{4}$ as heavy as a medium rock. The medium rock was $\frac{4}{8}$ as heavy as a large rock. The large rock weighed 544 grams. How heavy was the small rock?

- 2) Two years ago the fair had $\frac{2}{3}$ 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 156 people. How many people did the fair have 2 years ago?

- 3) Gwen was looking at her Nintendo collection. She had 560 wiiU games. She had $\frac{2}{7}$ as many DS games and $\frac{1}{2}$ as many 3ds games as DS games. How many 3ds games does she have?

- 4) At the school fundraiser Adam earned \$910. Bianca earned $\frac{7}{10}$ as much as Adam. And Cathy earned $\frac{5}{7}$ as much as Bianca. How much did Cathy earn?

- 5) On Super Bowl Sunday a store sold 570 sodas. They sold $\frac{2}{10}$ 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?

1. _____

2. _____

3. _____

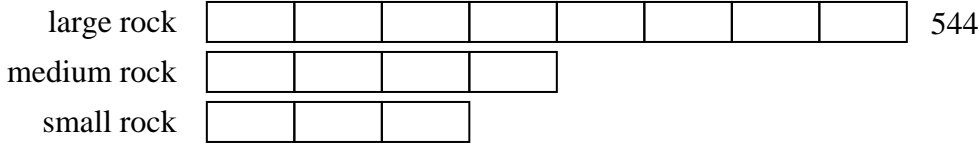
4. _____

5. _____

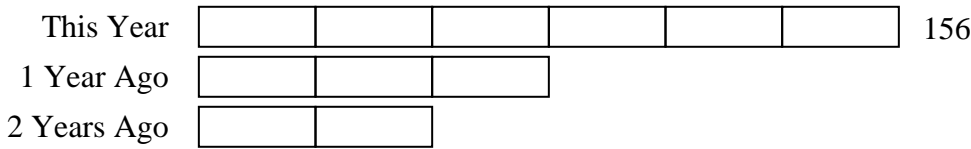


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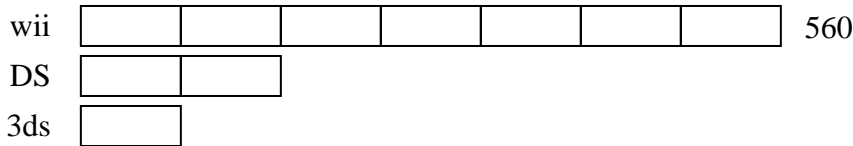
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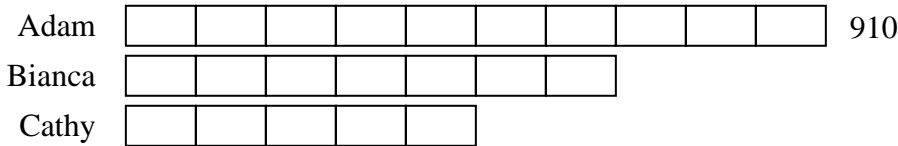
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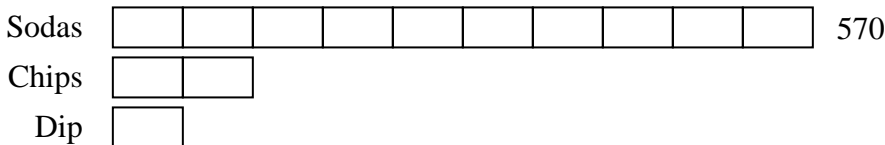
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Answers

1. 204

2. 52

3. 80

4. 455

5. 57