



Solve each problem using a tape diagram.

- 1) Sarah was looking at her Nintendo collection. She had 243 wiiU games. She had $\frac{8}{9}$ as many DS games and $\frac{1}{8}$ as many 3ds games as DS games. How many 3ds games does she have?

- 2) A chef was ordering vegetables for his restaurant. He order \$470 worth of potatoes. He also spent $\frac{3}{5}$ 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?

- 3) Gwen was trying to determine the weight of a small rock. She determined the small rock was $\frac{1}{3}$ as heavy as a medium rock. The medium rock was $\frac{3}{10}$ as heavy as a large rock. The large rock weighed 430 grams. How heavy was the small rock?

- 4) On Super Bowl Sunday a store sold 830 sodas. They sold $\frac{6}{10}$ as many bags of chips. They also sold $\frac{2}{6}$ as many jars of dip as bags of chips. How many jars of dip did they sell?

- 5) At the school fundraiser Adam earned \$110. Bianca earned $\frac{4}{5}$ as much as Adam. And Cathy earned $\frac{2}{4}$ as much as Bianca. How much did Cathy earn?

Answers

1. _____

2. _____

3. _____

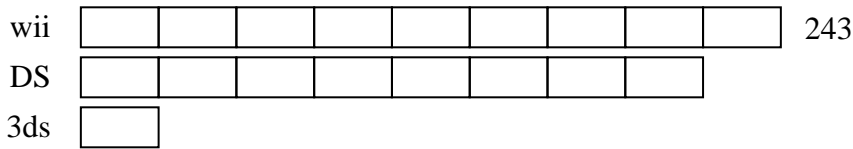
4. _____

5. _____

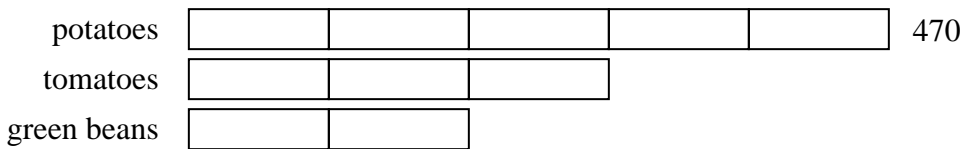


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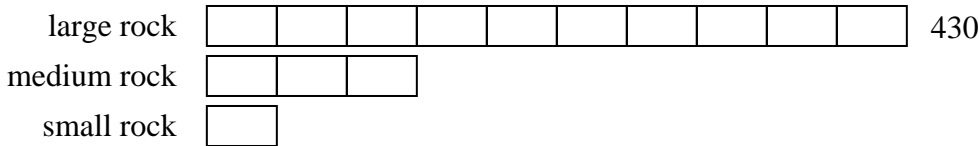
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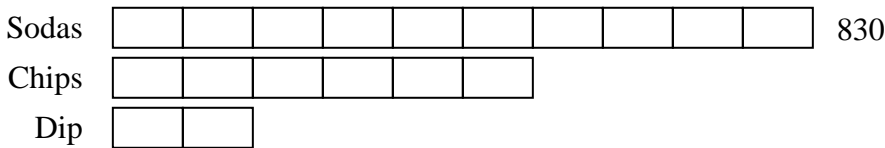
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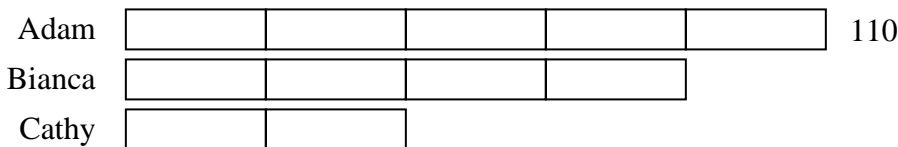
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Answers

1. 27

2. 188

3. 43

4. 166

5. 44