



Solve each problem using a tape diagram.

**Answers**

Ex) Vanessa was trying to determine the weight of a small rock. She determined the small rock was  $\frac{1}{2}$  as heavy as a medium rock. The medium rock was  $\frac{2}{6}$  as heavy as a large rock. The large rock weighed 450 grams. How heavy was the small rock?

Ex. 75

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

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

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

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

1) Olivia was looking at her Nintendo collection. She had 456 wiiU games. She had  $\frac{2}{6}$  as many DS games and  $\frac{1}{2}$  as many 3ds games as DS games. How many 3ds games does she have?

2) On Super Bowl Sunday a store sold 480 sodas. They sold  $\frac{5}{6}$  as many bags of chips. They also sold  $\frac{3}{5}$  as many jars of dip as bags of chips. How many jars of dip did they sell?

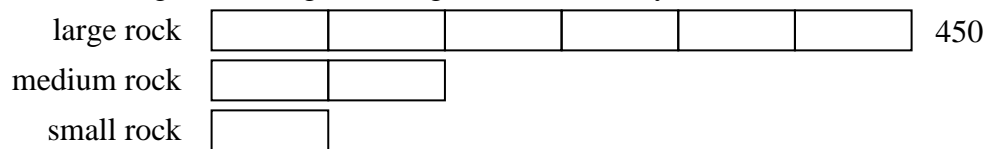
3) Two years ago the fair had  $\frac{1}{3}$  as many people as 1 year ago. 1 year ago the fair had  $\frac{3}{10}$  as many people as this year. This year the fair had 380 people. How many people did the fair have 2 years ago?

4) At the school fundraiser Adam earned \$285. Bianca earned  $\frac{2}{5}$  as much as Adam. And Cathy earned  $\frac{1}{2}$  as much as Bianca. How much did Cathy earn?



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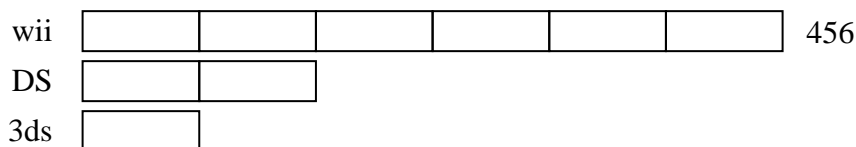
1. 76

2. 240

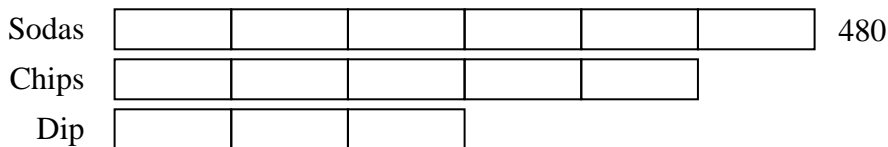
3. 38

4. 57

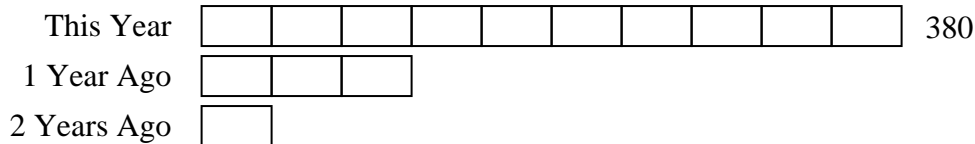
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