

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

**Ex)** Maria 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)** Faye 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?

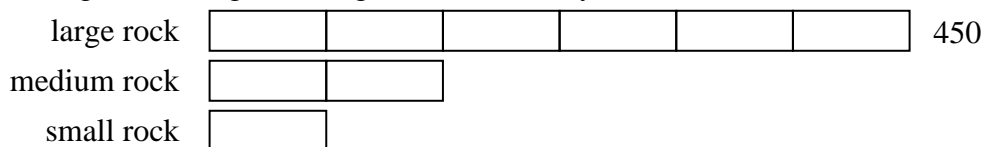
**4)** At the school fundraiser Adam earned \$285. Bianca earned  $\frac{2}{5}$  as much as Adam. And Cathy earned  $\frac{1}{2}$  as much as Bianca. How much did Cathy earn?



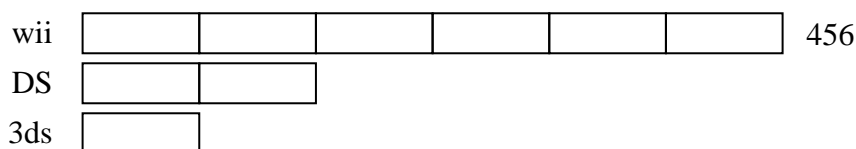
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**Answers**

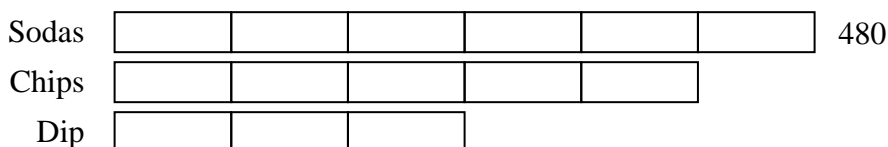
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Ex. 751. 762. 2403. 384. 57

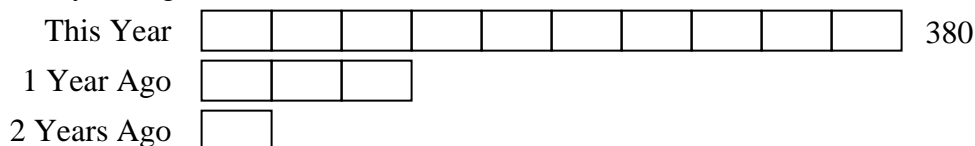
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