

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

**Ex)** Sarah was trying to determine the weight of a small rock. She determined the small rock was  $\frac{3}{5}$  as heavy as a medium rock. The medium rock was  $\frac{5}{6}$  as heavy as a large rock. The large rock weighed 120 grams. How heavy was the small rock?

Ex. 60

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

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

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

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

1) Carol was looking at her Nintendo collection. She had 256 wiiU games. She had  $\frac{4}{8}$  as many DS games and  $\frac{1}{4}$  as many 3ds games as DS games. How many 3ds games does she have?

2) On Super Bowl Sunday a store sold 154 sodas. They sold  $\frac{6}{7}$  as many bags of chips. They also sold  $\frac{3}{6}$  as many jars of dip as bags of chips. How many jars of dip did they sell?

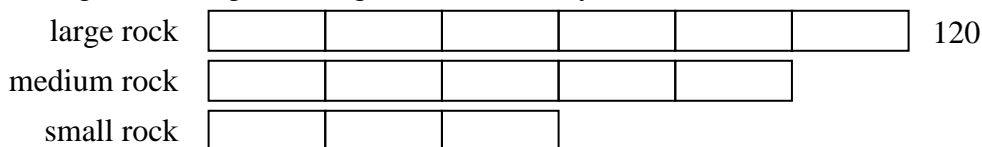
3) Two years ago the fair had  $\frac{1}{2}$  as many people as 1 year ago. 1 year ago the fair had  $\frac{2}{6}$  as many people as this year. This year the fair had 108 people. How many people did the fair have 2 years ago?

4) A chef was ordering vegetables for his restaurant. He order \$232 worth of potatoes. He also spent  $\frac{6}{8}$  as much on tomatoes. Finally he spent  $\frac{1}{6}$  as much on green beans as he did on tomatoes. How much did he spend on green beans?

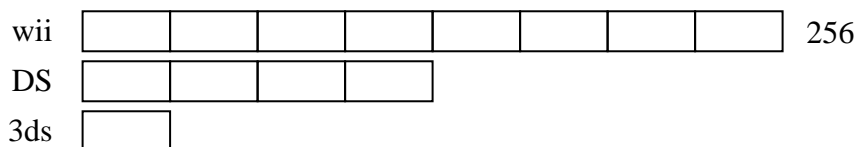


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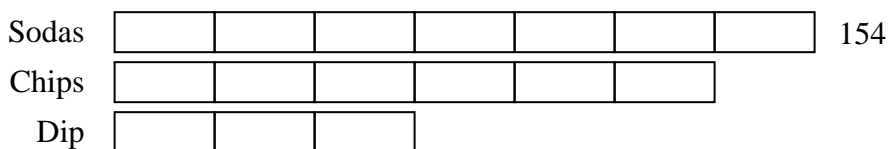
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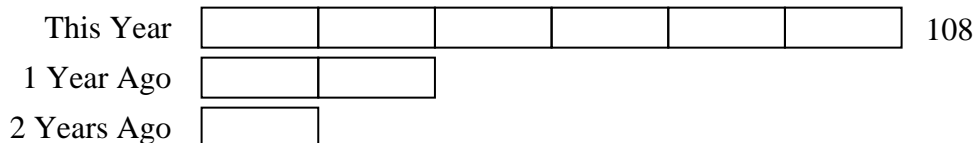
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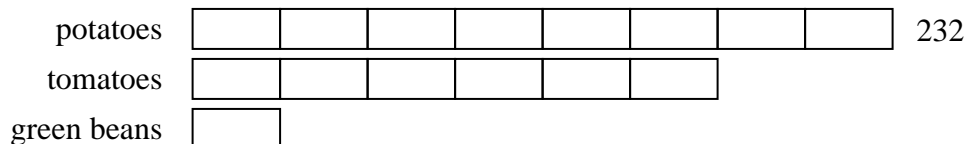
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**Answers**Ex. 601. 322. 663. 184. 29