Solve each problem using a tape diagram.

Ex) At the school fundraiser Adam earned \$324. Bianca earned $\frac{5}{6}$ as much as Adam. And Cathy earned $\frac{1}{5}$ as much as Bianca. How much did Cathy earn?

Ex. _____ **54** _____

1. _____

2. _____

3. _____

1) A chef was ordering vegetables for his restaurant. He order \$520 worth of potatoes. He also spent $\frac{6}{8}$ as much on tomatoes. Finally he spent $\frac{5}{6}$ as much on green beans as he did on tomatoes. How much did he spend on green beans?

4. _____

2) Debby was trying to determine the weight of a small rock. She determined the small rock was $\frac{2}{6}$ as heavy as a medium rock. The medium rock was $\frac{6}{7}$ as heavy as a large rock. The large rock weighed 147 grams. How heavy was the small rock?

3) Two years ago the fair had $\frac{3}{5}$ as many people as 1 year ago. 1 year ago the fair had $\frac{5}{10}$ as many people as this year. This year the fair had 350 people. How many people did the fair have 2 years ago?

4) Tiffany was looking at her Nintendo collection. She had 420 wiiU games. She had $\frac{5}{7}$ as many DS games and $\frac{2}{5}$ as many 3ds games as DS games. How many 3ds games does she have?

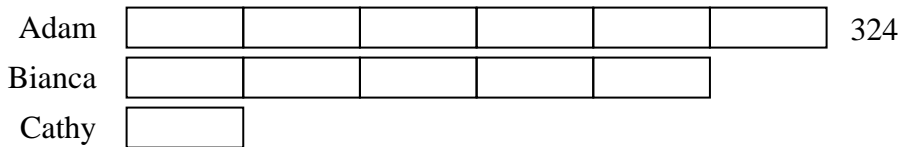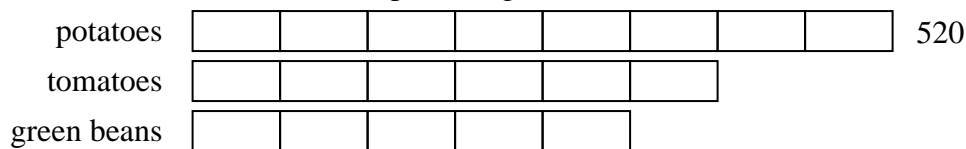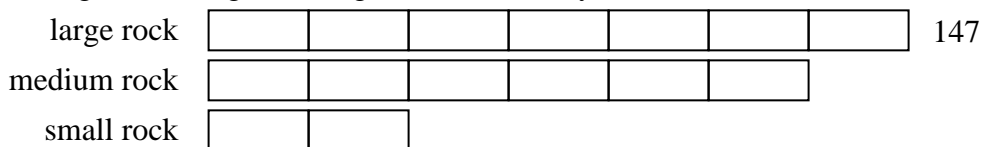**Solve each problem using a tape diagram.**

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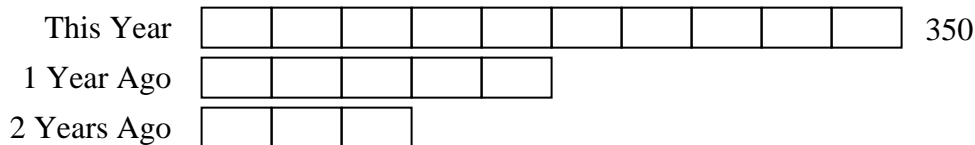
| Adam | | | | | | | 324 |

| Bianca | | | | | |

| Cathy | |

1) A chef was ordering vegetables for his restaurant. He order \$520 worth of potatoes. He also spent $\frac{6}{8}$ as much on tomatoes. Finally he spent $\frac{5}{6}$ as much on green beans as he did on tomatoes. How much did he spend on green beans?
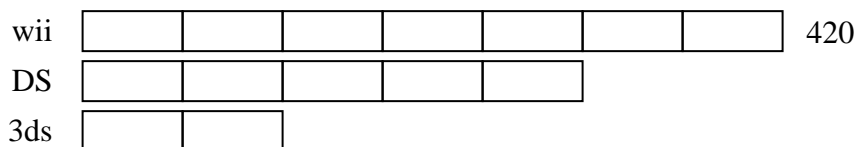
| potatoes | | | | | | | | | 520 |

| tomatoes | | | | | |

| green beans | | | | |

2) Debby was trying to determine the weight of a small rock. She determined the small rock was $\frac{2}{6}$ as heavy as a medium rock. The medium rock was $\frac{6}{7}$ as heavy as a large rock. The large rock weighed 147 grams. How heavy was the small rock?

| large rock | | | | | | | | 147 |

| medium rock | | | | | |

| small rock | |

3) Two years ago the fair had $\frac{3}{5}$ as many people as 1 year ago. 1 year ago the fair had $\frac{5}{10}$ as many people as this year. This year the fair had 350 people. How many people did the fair have 2 years ago?

| This Year | | | | | | | | | | 350 |

| 1 Year Ago | | | | |

| 2 Years Ago | | |

4) Tiffany was looking at her Nintendo collection. She had 420 wiiU games. She had $\frac{5}{7}$ as many DS games and $\frac{2}{5}$ as many 3ds games as DS games. How many 3ds games does she have?

| wii | | | | | | | 420 |

| DS | | | | |

| 3ds | |

Math

1-4 | 75 | 50 | 25 | 0