# Fraction Comparisons With Tape Diagram

Name:

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

**Answers**

**Ex)** A chef was ordering vegetables for his restaurant. He order $801 worth of potatoes. He also spent $\frac{2}{9}$ as much on tomatoes. Finally he spent $\frac{1}{2}$ as much on green beans as he did on tomatoes. How much did he spend on green beans?

Ex. **89**

| potatoes | | | | | | | | | | 801 |
|---|---|---|---|---|---|---|---|---|---|---|

tomatoes

green beans

1. _____

2. _____

3. _____

**1)** On Super Bowl Sunday a store sold 588 sodas. They sold $\frac{2}{7}$ as many bags of chips. They also sold $\frac{1}{2}$ as many jars of dip as bags of chips. How many jars of dip did they sell?

4. _____

5. _____

**2)** At the school fundraiser Adam earned $185. Bianca earned $\frac{2}{5}$ as much as Adam. And Cathy earned $\frac{1}{2}$ as much as Bianca. How much did Cathy earn?

**3)** Two years ago the fair had $\frac{5}{6}$ as many people as 1 year ago. 1 year ago the fair had $\frac{6}{10}$ as many people as this year. This year the fair had 500 people. How many people did the fair have 2 years ago?

**4)** 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 594 grams. How heavy was the small rock?

**5)**

**Math**

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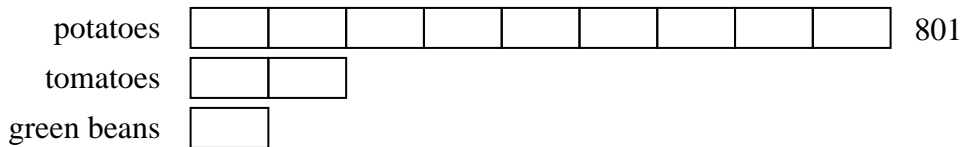| 1-5 | 80 | 60 | 40 | 20 | 0 |
|---|---|---|---|---|---|

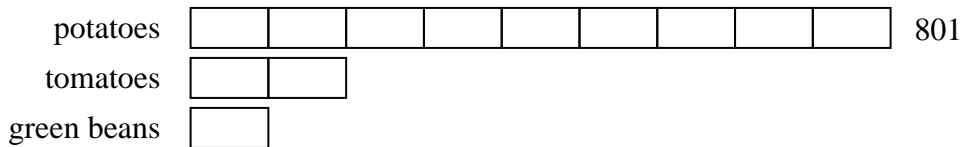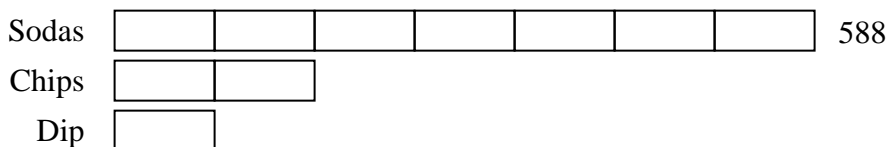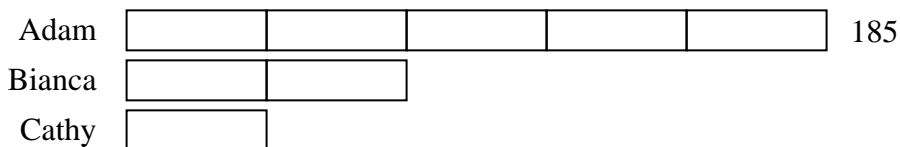**Solve each problem using a tape diagram.**

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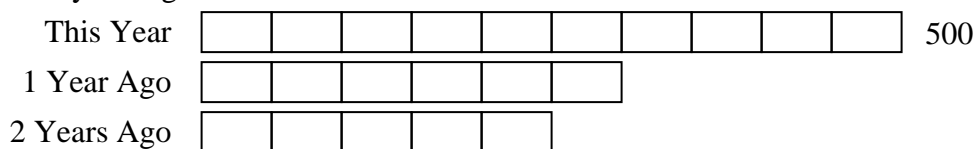
| potatoes | | | | | | | | | | | 801 |

| tomatoes | | |

| green beans | |

Ex. _____ **89**

1. _____ **84**

2. _____ **37**

3. _____ **250**

4. _____ **297**

5. _____ **56**

**1)** On Super Bowl Sunday a store sold 588 sodas. They sold $\frac{2}{7}$ as many bags of chips. They also sold $\frac{1}{2}$ as many jars of dip as bags of chips. How many jars of dip did they sell?
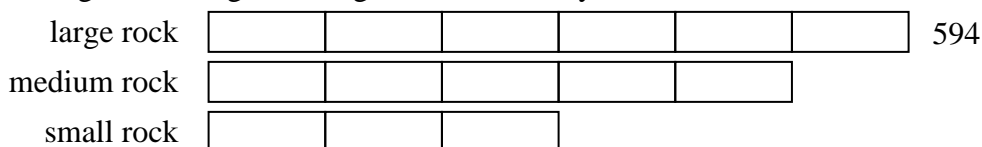
| Sodas | | | | | | | | 588 |

| Chips | | |

| Dip | |

**2)** At the school fundraiser Adam earned $185. Bianca earned $\frac{2}{5}$ as much as Adam. And Cathy earned $\frac{1}{2}$ as much as Bianca. How much did Cathy earn?

| Adam | | | | | 185 |

| Bianca | | |

| Cathy | |

**3)** Two years ago the fair had $\frac{5}{6}$ as many people as 1 year ago. 1 year ago the fair had $\frac{6}{10}$ as many people as this year. This year the fair had 500 people. How many people did the fair have 2 years ago?

| This Year | | | | | | | | | | 500 |

| 1 Year Ago | | | | | | |

| 2 Years Ago | | | | | |

**4)** 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 594 grams. How heavy was the small rock?

| large rock | | | | | | | 594 |

| medium rock | | | | | |

| small rock | | | |

**5)**