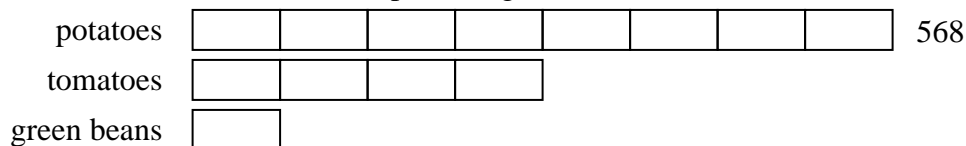# Fraction Comparisons With Tape Diagram

Name:

Solve each problem using a tape diagram.

Ex) A chef was ordering vegetables for his restaurant. He order $568 worth of potatoes. He also spent $\frac{4}{8}$ as much on tomatoes. Finally he spent $\frac{1}{4}$ as much on green beans as he did on tomatoes. How much did he spend on green beans?

| potatoes | | | | | | | | | 568 |

| tomatoes | | | | |

| green beans | |

Ex. **71**

1) On Super Bowl Sunday a store sold 415 sodas. They sold $\frac{2}{5}$ 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?

1. _____

2. _____

3. _____

4. _____

5. _____

2) Nancy was looking at her Nintendo collection. She had 250 wiiU games. She had $\frac{3}{5}$ as many DS games and $\frac{2}{3}$ as many 3ds games as DS games. How many 3ds games does she have?

3) 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 $\frac{5}{8}$ as heavy as a large rock. The large rock weighed 80 grams. How heavy was the small rock?

4) At the school fundraiser Adam earned $85. Bianca earned $\frac{3}{5}$ as much as Adam. And Cathy earned $\frac{1}{3}$ as much as Bianca. How much did Cathy earn?
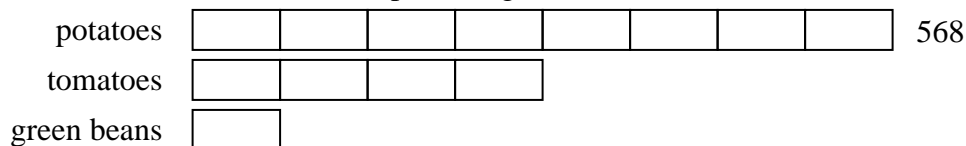
Math

www.CommonCoreSheets.com
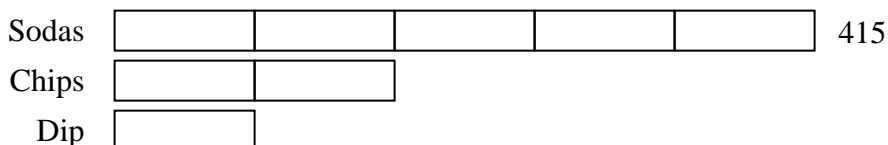
1-5 | 80 | 60 | 40 | 20 | 0
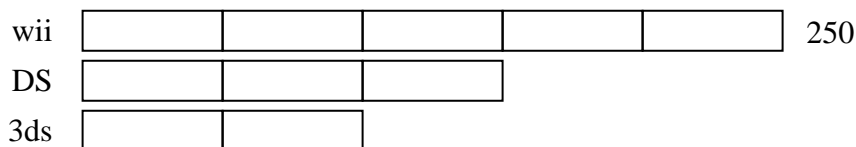
Solve each problem using a tape diagram.

Ex) A chef was ordering vegetables for his restaurant. He order $568 worth of potatoes. He also spent $\frac{4}{8}$ as much on tomatoes. Finally he spent $\frac{1}{4}$ as much on green beans as he did on tomatoes. How much did he spend on green beans?
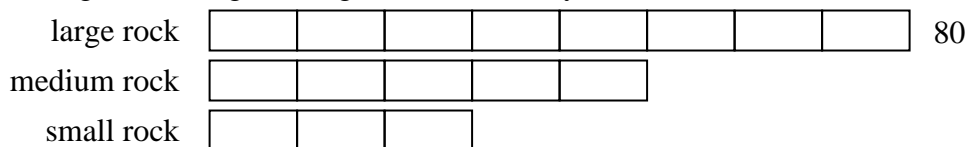
potatoes | | | | | | | | | 568

tomatoes | | | | |

green beans | |

Ex. **71**

1. **83**

2. **100**

3. **30**

4. **17**

5. **47**

1) On Super Bowl Sunday a store sold 415 sodas. They sold $\frac{2}{5}$ 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?
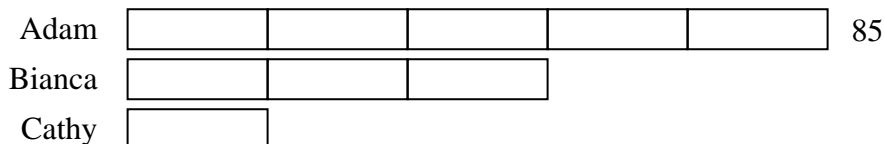
Sodas | | | | | | 415

Chips | | |

Dip | |

2) Nancy was looking at her Nintendo collection. She had 250 wiiU games. She had $\frac{3}{5}$ as many DS games and $\frac{2}{3}$ as many 3ds games as DS games. How many 3ds games does she have?

wii | | | | | | 250

DS | | | |

3ds | | |

3) 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 $\frac{5}{8}$ as heavy as a large rock. The large rock weighed 80 grams. How heavy was the small rock?

large rock | | | | | | | | | 80

medium rock | | | | | |

small rock | | | |

4) At the school fundraiser Adam earned $85. Bianca earned $\frac{3}{5}$ as much as Adam. And Cathy earned $\frac{1}{3}$ as much as Bianca. How much did Cathy earn?

Adam | | | | | | 85

Bianca | | | |

Cathy | |