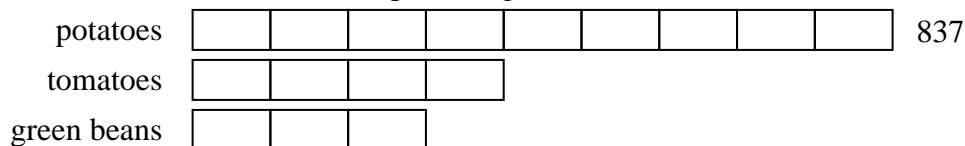Fraction Comparisons With Tape Diagram          Name:

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

**Ex)** A chef was ordering vegetables for his restaurant. He order $837 worth of potatoes. He also spent $\frac{4}{9}$ as much on tomatoes. Finally he spent $\frac{3}{4}$ as much on green beans as he did on tomatoes. How much did he spend on green beans?

potatoes  [ ][ ][ ][ ][ ][ ][ ][ ][ ] 837

tomatoes  [ ][ ][ ][ ]

green beans  [ ][ ][ ]

Ex.  **279**

1. _____

2. _____

3. _____

4. _____

5. _____

**1)** Nancy was looking at her Nintendo collection. She had 155 wiiU games. She had $\frac{2}{5}$ as many DS games and $\frac{1}{2}$ as many 3ds games as DS games. How many 3ds games does she have?

**2)** Bianca was trying to determine the weight of a small rock. She determined the small rock was $\frac{7}{8}$ as heavy as a medium rock. The medium rock was $\frac{8}{10}$ as heavy as a large rock. The large rock weighed 600 grams. How heavy was the small rock?

**3)** On Super Bowl Sunday a store sold 245 sodas. They sold $\frac{3}{5}$ as many bags of chips. They also sold $\frac{2}{3}$ as many jars of dip as bags of chips. How many jars of dip did they sell?

**4)** At the school fundraiser Adam earned $360. Bianca earned $\frac{3}{10}$ as much as Adam. And Cathy earned $\frac{2}{3}$ as much as Bianca. How much did Cathy earn?

**Math**
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1-5 | 80 | 60 | 40 | 20 | 0
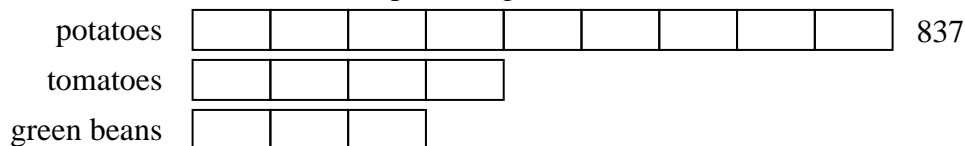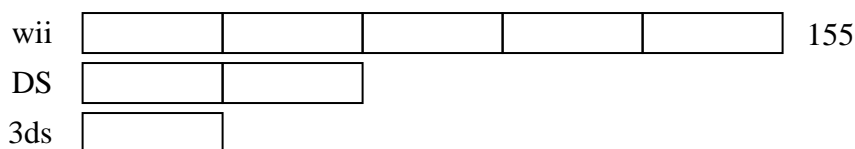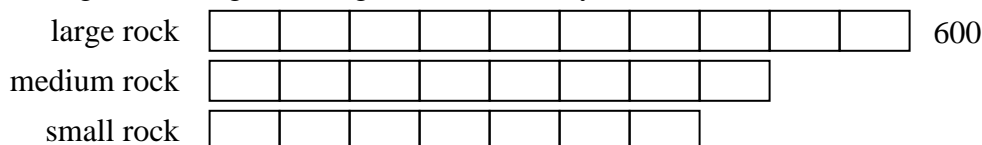
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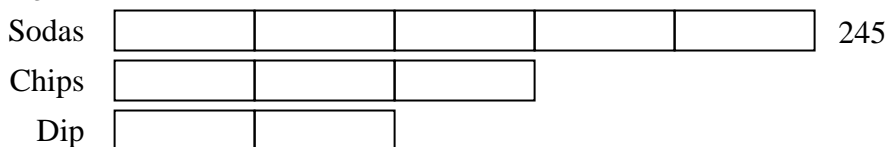
potatoes | | | | | | | | | | 837
tomatoes | | | |
green beans | | |

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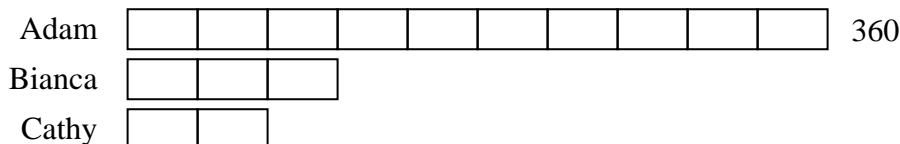
wii | | | | | | 155
DS | | |
3ds | |

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large rock | | | | | | | | | | 600
medium rock | | | | | | | |
small rock | | | | | | |

**3)** On Super Bowl Sunday a store sold 245 sodas. They sold $\frac{3}{5}$ as many bags of chips. They also sold $\frac{2}{3}$ as many jars of dip as bags of chips. How many jars of dip did they sell?

Sodas | | | | | | 245
Chips | | |
Dip | |

**4)** At the school fundraiser Adam earned $360. Bianca earned $\frac{3}{10}$ as much as Adam. And Cathy earned $\frac{2}{3}$ as much as Bianca. How much did Cathy earn?

Adam | | | | | | | | | | 360
Bianca | | |
Cathy | |

**Answers**

Ex. _____ **279**

1. _____ **31**

2. _____ **420**

3. _____ **98**

4. _____ **72**

5. _____ **12**

**Math**          www.CommonCoreSheets.com

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