| 501 | ve each problem using a tape diagram.  |          | <u>Answers</u> |
|-----|--|----------|----------------|
| 1)  | On Super Bowl Sunday a store sold 456 sodas. They sold $\frac{4}{8}$ as many bags of chips. They also sold $\frac{3}{4}$ as many jars of dip as bags of chips. How many jars of dip did they sell?   | 1.       |                |
|     |  | 2.<br>3. |                |
| 2)  | Katie was trying to determine the weight of a small rock. She determined the small rock was $\frac{2}{3}$ as heavy as a medium rock. The medium rock was $\frac{3}{7}$ as heavy as a large rock. The large rock weighed 182 grams. How heavy was the small rock? | 4.<br>5. |                |
|     |  |          |                |
| 3)  | A chef was ordering vegetables for his restaurant. He order \$350 worth of potatoes. He also spent $\frac{3}{5}$ as much on tomatoes. Finally he spent $\frac{1}{3}$ as much on green beans as he did on tomatoes. How much did he spend on green beans?         |          |                |
| 1)  | At the school fundraiser Adam earned \$350. Bianca earned $\frac{4}{10}$ as much as Adam. And Cathy earned $\frac{1}{4}$ as much as Bianca. How much did Cathy earn?   |          |                |
| 5)  | Maria was looking at her Nintendo collection. She had 468 wiiU games. She had $\frac{7}{9}$ as many DS games and $\frac{1}{7}$ as many 3ds games as DS games. How many 3ds games does she have?  |          |                |

Math

|     | Fraction Comparisons With Tape Diagram Name: Answ  | er Key                        |
|-----|--|-------------------------------|
| Sol | Answers  |                               |
| 1)  | On Super Bowl Sunday a store sold 456 sodas. They sold $\frac{4}{8}$ as many bags of chips. They also sold $\frac{3}{4}$ as many jars of dip as bags of chips. How many jars of dip did they sell?<br>Sodas 456<br>Chips<br>Dip  | 1. 171   2. 52   3. 70   4 35 |
| 2)  | Katie was trying to determine the weight of a small rock. She determined the small rock was $\frac{2}{3}$ as heavy as a medium rock. The medium rock was $\frac{3}{7}$ as heavy as a large rock. The large rock weighed 182 grams. How heavy was the small rock?<br>large rock large rock 182 medium rock 182 medium rock small rock 182 medium rock | 4. <u>55</u><br>5. <u>52</u>  |
| 3)  | A chef was ordering vegetables for his restaurant. He order \$350 worth of potatoes. He also spent $\frac{3}{5}$ as much on tomatoes. Finally he spent $\frac{1}{3}$ as much on green beans as he did on tomatoes. How much did he spend on green beans?<br>potatoes   |                               |
| 4)  | At the school fundraiser Adam earned \$350. Bianca earned $\frac{4}{10}$ as much as Adam. And Cathy earned $\frac{1}{4}$ as much as Bianca. How much did Cathy earn?<br>Adam 350<br>Bianca Cathy   |                               |
| 5)  | Maria was looking at her Nintendo collection. She had 468 wiiU games. She had <sup>7</sup> / <sub>9</sub> as many DS games and <sup>1</sup> / <sub>7</sub> as many 3ds games as DS games. How many 3ds games does she have?<br>wii 468<br>DS 3ds   | 1-5 80 60 40 20 0             |
|     | 3ds  | 1-5 80 60 40 20 (             |