Fractions With Tape Diagram   Name: _____

Solve each problem using a tape diagram.

1) A game store had 930 amiibo they were trying to sell. They sold $\frac{1}{10}$ at normal price. Then they sold $\frac{2}{9}$ of the ones that were left at a discount. How many amiibo did they have left after selling the discount ones?

1. _____

2. _____

3. _____

4. _____

2) At the school carnival $\frac{3}{5}$ of the money spent is spent on games. Of what is not spent on games, $\frac{1}{2}$ is spent on food. If $405 are spent each day at the carnival, how much is not spent on games or food?

5. _____

3) On John's phone he has 156 songs. $\frac{2}{6}$ of the songs are alternative. $\frac{3}{4}$ of the rest of the songs were rock. How many songs are on his phone that aren't rock or alternative?

4) Gwen went shopping on Black Friday. She spent $550 total. $\frac{2}{10}$ of what she spent was at Best Buy. She spent $\frac{4}{8}$ of what was left at Kohls and the rest she spent at Target. How much did she spend at Target?

5) On Debby's phone $\frac{1}{5}$ of the pictures were selfies. Of the other pictures on her phone $\frac{3}{4}$ were of her cat. If she has 490 pictures on her phone, how many are not of her cat or selfies?

Math   www.CommonCoreSheets.com

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

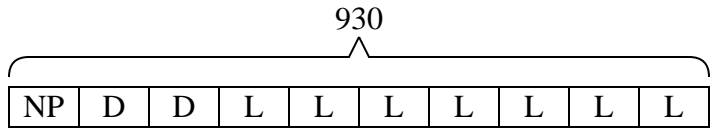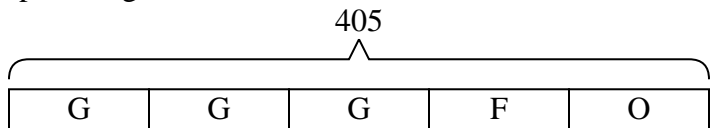**Solve each problem using a tape diagram.**

1) A game store had 930 amiibo they were trying to sell. They sold $\frac{1}{10}$ at normal price. Then they sold $\frac{2}{9}$ of the ones that were left at a discount. How many amiibo did they have left after selling the discount ones?

930

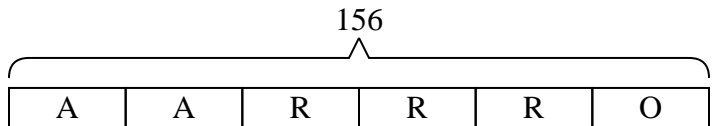| NP | D | D | L | L | L | L | L | L | L |

L = Left
NP = normal
D = Discount

1. **651**

2) At the school carnival $\frac{3}{5}$ of the money spent is spent on games. Of what is not spent on games, $\frac{1}{2}$ is spent on food. If $405 are spent each day at the carnival, how much is not spent on games or food?
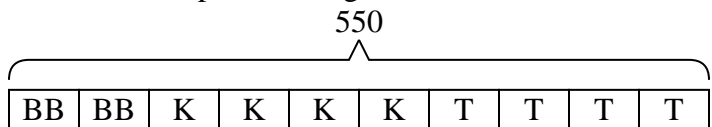
405

| G | G | G | F | O |

O = Other
G = Games
F = Food

2. **81**

3. **26**

3) On John's phone he has 156 songs. $\frac{2}{6}$ of the songs are alternative. $\frac{3}{4}$ of the rest of the songs were rock. How many songs are on his phone that aren't rock or alternative?
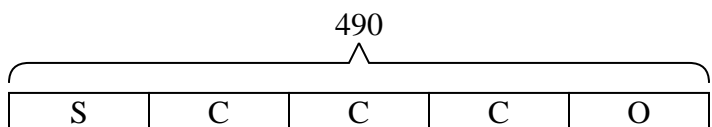
156

| A | A | R | R | R | O |

O = Other
A = Alternative
R = Rock

4. **220**

5. **98**

4) Gwen went shopping on Black Friday. She spent $550 total. $\frac{2}{10}$ of what she spent was at Best Buy. She spent $\frac{4}{8}$ of what was left at Kohls and the rest she spent at Target. How much did she spend at Target?

550

| BB | BB | K | K | K | K | T | T | T | T |

T = Target
BB = Best Buy
K = Kohls

5) On Debby's phone $\frac{1}{5}$ of the pictures were selfies. Of the other pictures on her phone $\frac{3}{4}$ were of her cat. If she has 490 pictures on her phone, how many are not of her cat or selfies?

490

| S | C | C | C | O |

O = Other
S = Selfies
C = Cat

Math

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