Fractions With Tape Diagram   Name: _____

Solve each problem using a tape diagram.

1) On John's phone he has 78 songs. $\frac{1}{6}$ of the songs are alternative. $\frac{3}{5}$ of the rest of the songs were rock. How many songs are on his phone that aren't rock or alternative?

1. _____

2. _____

3. _____

4. _____

2) A pizzeria owner sold 594 pizzas on Friday. $\frac{1}{6}$ of all the pizzas sold were pepperoni. $\frac{3}{5}$ of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?

5. _____

3) On Tiffany's phone $\frac{6}{8}$ of the pictures were selfies. Of the other pictures on her phone $\frac{1}{2}$ were of her cat. If she has 552 pictures on her phone, how many are not of her cat or selfies?

4) At Haley's Ice Cream Emporium they sold 270 ice cream cones in a day. $\frac{3}{5}$ of them sold were chocolate. $\frac{1}{2}$ of the ones that weren't chocolate were vanilla. And the remaining were pistachio. How many pistachio cones did they sell?
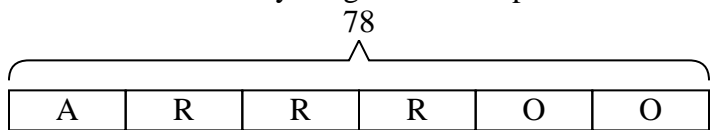
5) A game store had 870 amiibo they were trying to sell. They sold $\frac{1}{10}$ at normal price. Then they sold $\frac{7}{9}$ of the ones that were left at a discount. How many amiibo did they have left after selling the discount ones?

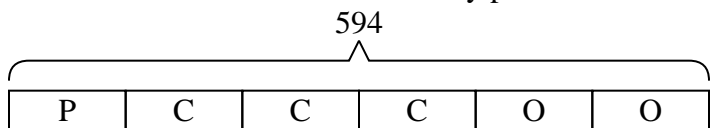**Solve each problem using a tape diagram.**

1) On John's phone he has 78 songs. $\frac{1}{6}$ of the songs are alternative. $\frac{3}{5}$ of the rest of the songs were rock. How many songs are on his phone that aren't rock or alternative?

78

A	R	R	R	O	O

O = Other
A = Alternative
R = Rock

1.   **26**

2) A pizzeria owner sold 594 pizzas on Friday. $\frac{1}{6}$ of all the pizzas sold were pepperoni. $\frac{3}{5}$ of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?

594

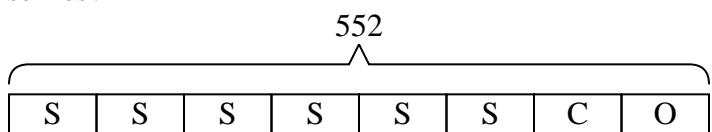| P	C	C	C	O	O

O = Other
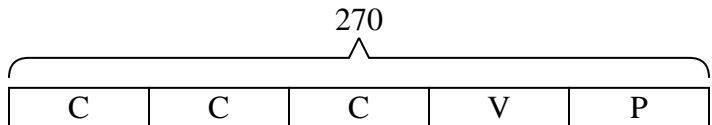P = Pepperoni
C = Cheese

2.   **198**

3.   **69**

4.   **54**

3) On Tiffany's phone $\frac{6}{8}$ of the pictures were selfies. Of the other pictures on her phone $\frac{1}{2}$ were of her cat. If she has 552 pictures on her phone, how many are not of her cat or selfies?
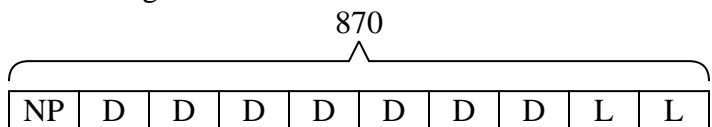
552

S	S	S	S	S	S	C	O

O = Other
S = Selfies
C = Cat

5.   **174**

4) At Haley's Ice Cream Emporium they sold 270 ice cream cones in a day. $\frac{3}{5}$ of them sold were chocolate. $\frac{1}{2}$ of the ones that weren't chocolate were vanilla. And the remaining were pistachio. How many pistachio cones did they sell?

270

C	C	C	V	P

P = Pistachio
C = Chocolate
V = Vanilla

5) A game store had 870 amiibo they were trying to sell. They sold $\frac{1}{10}$ at normal price. Then they sold $\frac{7}{9}$ of the ones that were left at a discount. How many amiibo did they have left after selling the discount ones?

870

NP	D	D	D	D	D	D	D	L	L

L = Left
NP = normal
D = Discount

Math www.CommonCoreSheets.com

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