Fractions With Tape Diagram

Name: _____

Solve each problem using a tape diagram.

1) A game store had 624 amiibo they were trying to sell. They sold $\frac{5}{8}$ at normal price. Then they sold $\frac{2}{3}$ 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) A store started with 560 sodas. They sold $\frac{1}{7}$ of them over the next month and they had to throw out $\frac{5}{6}$ of the ones that were left because they were expired. How many sodas did they have at the end?

5. _____

3) At Carol's Ice Cream Emporium they sold 125 ice cream cones in a day. $\frac{1}{5}$ of them sold were chocolate. $\frac{1}{4}$ of the ones that weren't chocolate were vanilla. And the remaining were pistachio. How many pistachio cones did they sell?

4) A pizzeria owner sold 100 pizzas on Friday. $\frac{3}{5}$ of all the pizzas sold were pepperoni. $\frac{1}{2}$ of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?

5) At the school carnival $\frac{4}{9}$ of the money spent is spent on games. Of what is not spent on games, $\frac{1}{5}$ is spent on food. If $684 are spent each day at the carnival, how much is not spent on games or food?
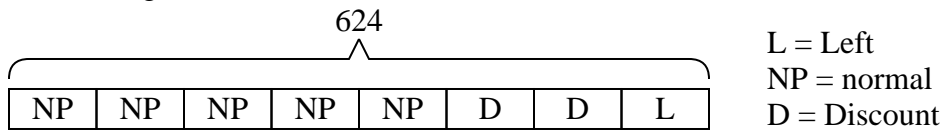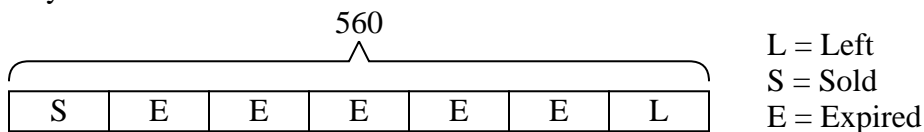
Math

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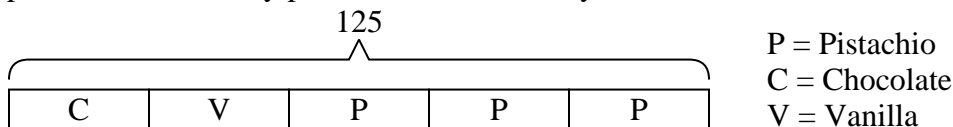
Solve each problem using a tape diagram.

1) A game store had 624 amiibo they were trying to sell. They sold $\frac{5}{8}$ at normal price. Then they sold $\frac{2}{3}$ of the ones that were left at a discount. How many amiibo did they have left after selling the discount ones?

624

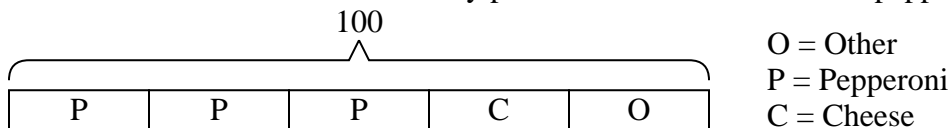| NP	NP	NP	NP	NP	D	D	L

L = Left
NP = normal
D = Discount

2) A store started with 560 sodas. They sold $\frac{1}{7}$ of them over the next month and they had to throw out $\frac{5}{6}$ of the ones that were left because they were expired. How many sodas did they have at the end?

560

S	E	E	E	E	E	L

L = Left
S = Sold
E = Expired

3) At Carol's Ice Cream Emporium they sold 125 ice cream cones in a day. $\frac{1}{5}$ of them sold were chocolate. $\frac{1}{4}$ of the ones that weren't chocolate were vanilla. And the remaining were pistachio. How many pistachio cones did they sell?

125

C	V	P	P	P

P = Pistachio
C = Chocolate
V = Vanilla

4) A pizzeria owner sold 100 pizzas on Friday. $\frac{3}{5}$ of all the pizzas sold were pepperoni. $\frac{1}{2}$ of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?

100

P	P	P	C	O

O = Other
P = Pepperoni
C = Cheese

5) At the school carnival $\frac{4}{9}$ of the money spent is spent on games. Of what is not spent on games, $\frac{1}{5}$ is spent on food. If $684 are spent each day at the carnival, how much is not spent on games or food?

684

G	G	G	G	F	O	O	O	O

O = Other
G = Games
F = Food

1.	**78**	
2.	**80**	
3.	**75**	
4.	**20**	
5.	**304**	

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