Name:

Solve each problem using a tape diagram.

1) On George's phone he has 115 songs. $\frac{1}{5}$ 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?

1. _____

2. _____

3. _____

4. _____

2) A game store had 245 amiibo they were trying to sell. They sold $\frac{4}{7}$ 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?

5. _____

3) A pizzeria owner sold 890 pizzas on Friday. $\frac{4}{10}$ of all the pizzas sold were pepperoni. $\frac{1}{6}$ of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?

4) At the school carnival $\frac{2}{8}$ of the money spent is spent on games. Of what is not spent on games, $\frac{3}{6}$ is spent on food. If $216 are spent each day at the carnival, how much is not spent on games or food?

5) Isabel went shopping on Black Friday. She spent $752 total. $\frac{2}{8}$ of what she spent was at Best Buy. She spent $\frac{4}{6}$ of what was left at Kohls and the rest she spent at Target. How much did she spend at Target?

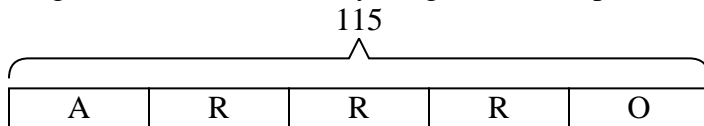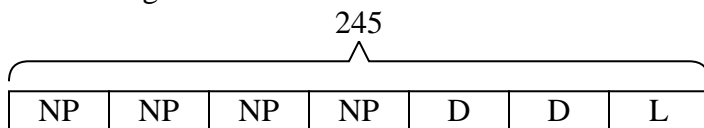**Solve each problem using a tape diagram.**

1) On George's phone he has 115 songs. $\frac{1}{5}$ 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?
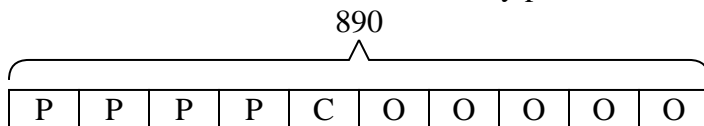
115

A	R	R	R	O

O = Other
A = Alternative
R = Rock

1. ___**23**___

2. ___**35**___

2) A game store had 245 amiibo they were trying to sell. They sold $\frac{4}{7}$ 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?
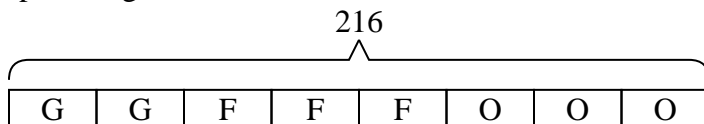
245

NP	NP	NP	NP	D	D	L

L = Left
NP = normal
D = Discount

3. ___**445**___

4. ___**81**___

5. ___**188**___

3) A pizzeria owner sold 890 pizzas on Friday. $\frac{4}{10}$ of all the pizzas sold were pepperoni. $\frac{1}{6}$ of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?
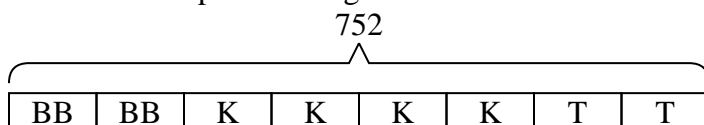
890

P	P	P	P	C	O	O	O	O	O

O = Other
P = Pepperoni
C = Cheese

4) At the school carnival $\frac{2}{8}$ of the money spent is spent on games. Of what is not spent on games, $\frac{3}{6}$ is spent on food. If $216 are spent each day at the carnival, how much is not spent on games or food?

216

G	G	F	F	F	O	O	O

O = Other
G = Games
F = Food

5) Isabel went shopping on Black Friday. She spent $752 total. $\frac{2}{8}$ of what she spent was at Best Buy. She spent $\frac{4}{6}$ of what was left at Kohls and the rest she spent at Target. How much did she spend at Target?

752

BB	BB	K	K	K	K	T	T

T = Target
BB = Best Buy
K = Kohls

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