Solve each problem using a tape diagram.

1) At the school carnival $\frac{7}{9}$ of the money spent is spent on games. Of what is not spent on games, $\frac{1}{2}$ is spent on food. If \$810 are spent each day at the carnival, how much is not spent on games or food?

1. _____

2. _____

3. _____

4. _____

2) A pizzeria owner sold 80 pizzas on Friday. $\frac{1}{5}$ of all the pizzas sold were pepperoni. $\frac{3}{4}$ of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?

5. _____

3) On Sam's phone he has 175 songs. $\frac{3}{7}$ of the songs are alternative. $\frac{2}{4}$ of the rest of the songs were rock. How many songs are on his phone that aren't rock or alternative?

4) A store started with 546 sodas. They sold $\frac{2}{6}$ of them over the next month and they had to throw out $\frac{3}{4}$ of the ones that were left because they were expired. How many sodas did they have at the end?
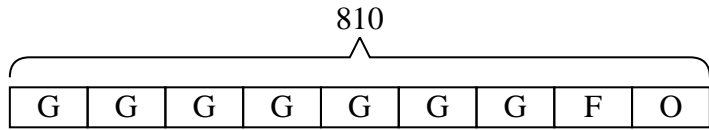
5) A game store had 730 amiibo they were trying to sell. They sold $\frac{2}{10}$ at normal price. Then they sold $\frac{4}{8}$ of the ones that were left at a discount. How many amiibo did they have left after selling the discount ones?
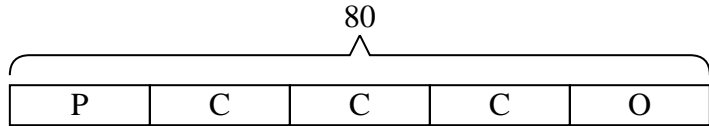
1-5 | 80 | 60 | 40 | 20 | 0

Solve each problem using a tape diagram.

1) At the school carnival $\frac{7}{9}$ of the money spent is spent on games. Of what is not spent on games, $\frac{1}{2}$ is spent on food. If \$810 are spent each day at the carnival, how much is not spent on games or food?
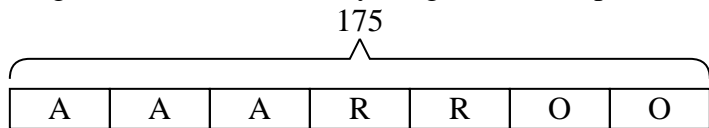
810

G	G	G	G	G	G	G	F	O

O = Other
G = Games
F = Food

2) A pizzeria owner sold 80 pizzas on Friday. $\frac{1}{5}$ of all the pizzas sold were pepperoni. $\frac{3}{4}$ of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?
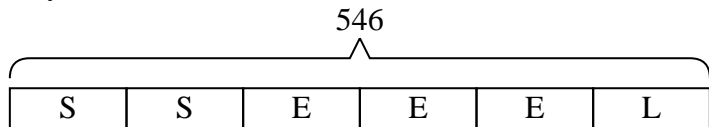
80

P	C	C	C	O

O = Other
P = Pepperoni
C = Cheese

3) On Sam's phone he has 175 songs. $\frac{3}{7}$ of the songs are alternative. $\frac{2}{4}$ of the rest of the songs were rock. How many songs are on his phone that aren't rock or alternative?
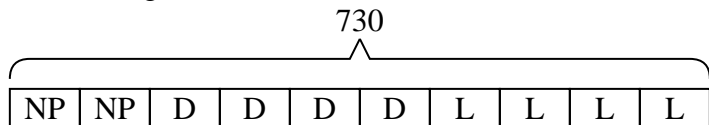
175

A	A	A	R	R	O	O

O = Other
A = Alternative
R = Rock

4) A store started with 546 sodas. They sold $\frac{2}{6}$ of them over the next month and they had to throw out $\frac{3}{4}$ of the ones that were left because they were expired. How many sodas did they have at the end?

546

S	S	E	E	E	L

L = Left
S = Sold
E = Expired

5) A game store had 730 amiibo they were trying to sell. They sold $\frac{2}{10}$ at normal price. Then they sold $\frac{4}{8}$ of the ones that were left at a discount. How many amiibo did they have left after selling the discount ones?

730

NP	NP	D	D	D	D	L	L	L	L

L = Left
NP = normal
D = Discount

1.	**90**
2.	**16**
3.	**50**
4.	**91**
5.	**292**