Fractions With Tape Diagram

Name: _____

Solve each problem using a tape diagram.

1) Emily went shopping on Black Friday. She spent $215 total. $\frac{1}{5}$ of what she spent was at Best Buy. She spent $\frac{3}{4}$ of what was left at Kohls and the rest she spent at Target. How much did she spend at Target?

1. _____

2. _____

3. _____

4. _____

2) On Ned's phone he has 376 songs. $\frac{3}{8}$ 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?

5. _____

3) A store started with 567 sodas. They sold $\frac{1}{7}$ of them over the next month and they had to throw out $\frac{2}{6}$ of the ones that were left because they were expired. How many sodas did they have at the end?
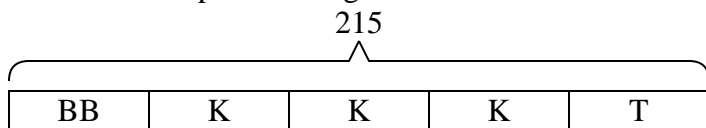
4) At the school carnival $\frac{6}{8}$ of the money spent is spent on games. Of what is not spent on games, $\frac{1}{2}$ is spent on food. If $736 are spent each day at the carnival, how much is not spent on games or food?

5) A game store had 280 amiibo they were trying to sell. They sold $\frac{5}{8}$ at normal price. Then they sold $\frac{1}{3}$ of the ones that were left at a discount. How many amiibo did they have left after selling the discount ones?

Math

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

Solve each problem using a tape diagram.

1) Emily went shopping on Black Friday. She spent \$215 total. $\frac{1}{5}$ of what she spent was at Best Buy. She spent $\frac{3}{4}$ of what was left at Kohls and the rest she spent at Target. How much did she spend at Target?

215

BB	K	K	K	T

T = Target
BB = Best Buy
K = Kohls

2) On Ned's phone he has 376 songs. $\frac{3}{8}$ 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?

376

A	A	A	R	R	R	O	O
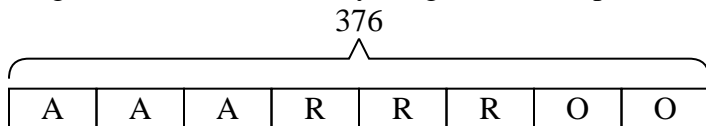
O = Other
A = Alternative
R = Rock

3) A store started with 567 sodas. They sold $\frac{1}{7}$ of them over the next month and they had to throw out $\frac{2}{6}$ of the ones that were left because they were expired. How many sodas did they have at the end?
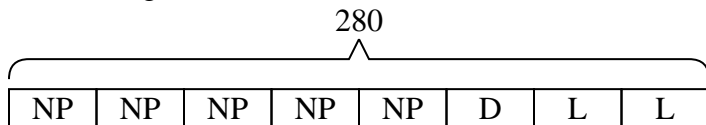
567

S	E	E	L	L	L	L
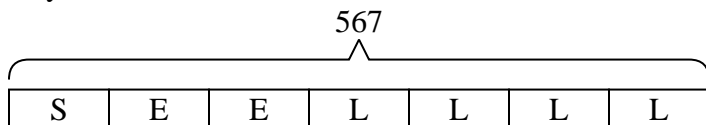
L = Left
S = Sold
E = Expired

4) At the school carnival $\frac{6}{8}$ of the money spent is spent on games. Of what is not spent on games, $\frac{1}{2}$ is spent on food. If \$736 are spent each day at the carnival, how much is not spent on games or food?

736

G	G	G	G	G	G	F	O
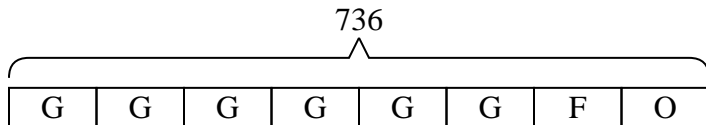
O = Other
G = Games
F = Food

5) A game store had 280 amiibo they were trying to sell. They sold $\frac{5}{8}$ at normal price. Then they sold $\frac{1}{3}$ of the ones that were left at a discount. How many amiibo did they have left after selling the discount ones?

280

NP	NP	NP	NP	NP	D	L	L

L = Left
NP = normal
D = Discount