



Solve each problem using a tape diagram.

**Answers**

- 1) A store started with 801 sodas. They sold  $\frac{5}{9}$  of them over the next month and they had to throw out  $\frac{2}{4}$  of the ones that were left because they were expired. How many sodas did they have at the end?

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

- 2) On Kaleb's phone he has 576 songs.  $\frac{1}{9}$  of the songs are alternative.  $\frac{6}{8}$  of the rest of the songs were rock. How many songs are on his phone that aren't rock or alternative?

- 3) Emily went shopping on Black Friday. She spent \$528 total.  $\frac{2}{6}$  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?

- 4) A game store had 460 amiibo they were trying to sell. They sold  $\frac{1}{5}$  at normal price. Then they sold  $\frac{1}{4}$  of the ones that were left at a discount. How many amiibo did they have left after selling the discount ones?

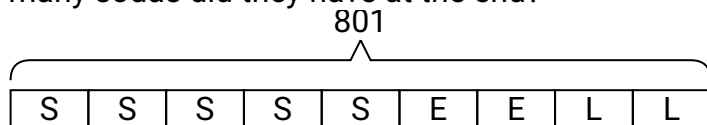
- 5) A pizzeria owner sold 468 pizzas on Friday.  $\frac{3}{6}$  of all the pizzas sold were pepperoni.  $\frac{1}{3}$  of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?



Solve each problem using a tape diagram.

**Answers**

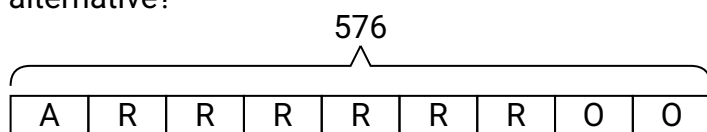
- 1) A store started with 801 sodas. They sold  $\frac{5}{9}$  of them over the next month and they had to throw out  $\frac{2}{4}$  of the ones that were left because they were expired. How many sodas did they have at the end?



L = Left  
S = Sold  
E = Expired

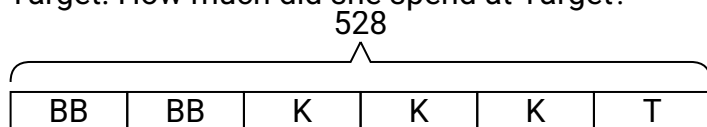
1. **178**2. **128**3. **88**4. **276**5. **156**

- 2) On Kaleb's phone he has 576 songs.  $\frac{1}{9}$  of the songs are alternative.  $\frac{6}{8}$  of the rest of the songs were rock. How many songs are on his phone that aren't rock or alternative?



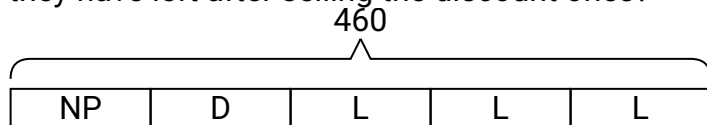
O = Other  
A = Alternative  
R = Rock

- 3) Emily went shopping on Black Friday. She spent \$528 total.  $\frac{2}{6}$  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?



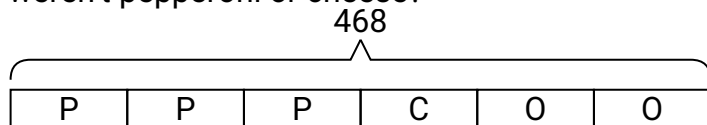
T = Target  
BB = Best Buy  
K = Kohls

- 4) A game store had 460 amiibo they were trying to sell. They sold  $\frac{1}{5}$  at normal price. Then they sold  $\frac{1}{4}$  of the ones that were left at a discount. How many amiibo did they have left after selling the discount ones?



L = Left  
NP = normal  
D = Discount

- 5) A pizzeria owner sold 468 pizzas on Friday.  $\frac{3}{6}$  of all the pizzas sold were pepperoni.  $\frac{1}{3}$  of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?



O = Other  
P = Pepperoni  
C = Cheese