

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

- 1) A pizzeria owner sold 258 pizzas on Friday.  $\frac{2}{6}$  of all the pizzas sold were pepperoni.  $\frac{1}{4}$  of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?
- 2) A store started with 536 sodas. They sold  $\frac{5}{8}$  of them over the next month and they had to throw out  $\frac{1}{3}$  of the ones that were left because they were expired. How many sodas did they have at the end?
- 3) At the school carnival  $\frac{3}{8}$  of the money spent is spent on games. Of what is not spent on games,  $\frac{1}{5}$  is spent on food. If \$552 are spent each day at the carnival, how much is not spent on games or food?
- 4) A game store had 496 amiibo they were trying to sell. They sold  $\frac{2}{8}$  at normal price. Then they sold  $\frac{4}{6}$  of the ones that were left at a discount. How many amiibo did they have left after selling the discount ones?
- 5) On Isabel's phone  $\frac{5}{10}$  of the pictures were selfies. Of the other pictures on her phone  $\frac{4}{5}$  were of her cat. If she has 230 pictures on her phone, how many are not of her cat or selfies?

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

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

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

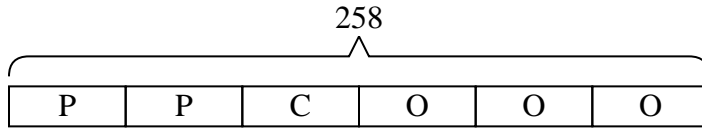
4. \_\_\_\_\_

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



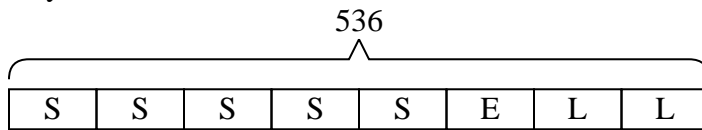
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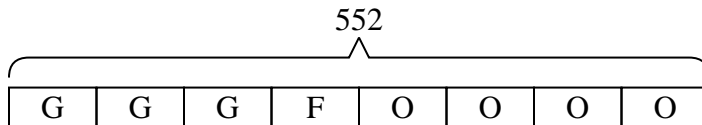
O = Other  
P = Pepperoni  
C = Cheese

- 2) A store started with 536 sodas. They sold  $\frac{5}{8}$  of them over the next month and they had to throw out  $\frac{1}{3}$  of the ones that were left because they were expired. How many sodas did they have at the end?



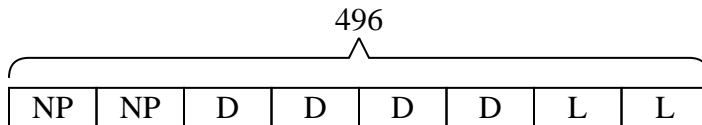
L = Left  
S = Sold  
E = Expired

- 3) At the school carnival  $\frac{3}{8}$  of the money spent is spent on games. Of what is not spent on games,  $\frac{1}{5}$  is spent on food. If \$552 are spent each day at the carnival, how much is not spent on games or food?



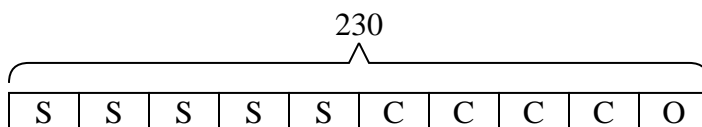
O = Other  
G = Games  
F = Food

- 4) A game store had 496 amiibo they were trying to sell. They sold  $\frac{2}{8}$  at normal price. Then they sold  $\frac{4}{6}$  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) On Isabel's phone  $\frac{5}{10}$  of the pictures were selfies. Of the other pictures on her phone  $\frac{4}{5}$  were of her cat. If she has 230 pictures on her phone, how many are not of her cat or selfies?



O = Other  
S = Selfies  
C = Cat

**Answers**

1. **129**  
2. **134**  
3. **276**  
4. **124**  
5. **23**