



Solve each problem using a tape diagram.

**Answers**

- 1) A pizzeria owner sold 152 pizzas on Friday.  $\frac{5}{8}$  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?
- 2) On Carol's phone  $\frac{1}{5}$  of the pictures were selfies. Of the other pictures on her phone  $\frac{3}{4}$  were of her cat. If she has 465 pictures on her phone, how many are not of her cat or selfies?
- 3) At Maria's Ice Cream Emporium they sold 95 ice cream cones in a day.  $\frac{3}{5}$  of them sold were chocolate.  $\frac{1}{2}$  of the ones that weren't chocolate were vanilla. And the remaining were pistachio. How many pistachio cones did they sell?
- 4) A store started with 96 sodas. They sold  $\frac{3}{6}$  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?
- 5) A game store had 135 amiibo they were trying to sell. They sold  $\frac{2}{5}$  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?

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

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

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

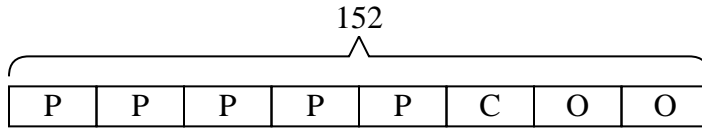
4. \_\_\_\_\_

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



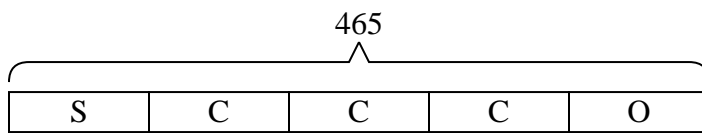
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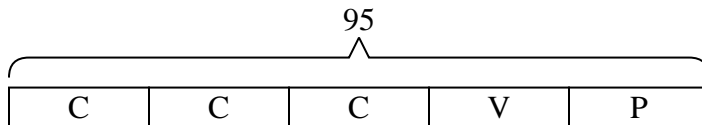
O = Other  
P = Pepperoni  
C = Cheese

- 2) On Carol's phone  $\frac{1}{5}$  of the pictures were selfies. Of the other pictures on her phone  $\frac{3}{4}$  were of her cat. If she has 465 pictures on her phone, how many are not of her cat or selfies?



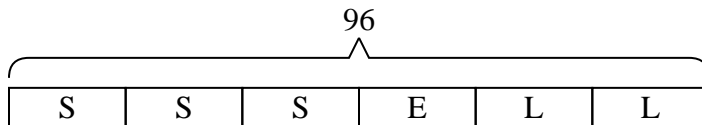
O = Other  
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- 3) At Maria's Ice Cream Emporium they sold 95 ice cream cones in a day.  $\frac{3}{5}$  of them sold were chocolate.  $\frac{1}{2}$  of the ones that weren't chocolate were vanilla. And the remaining were pistachio. How many pistachio cones did they sell?



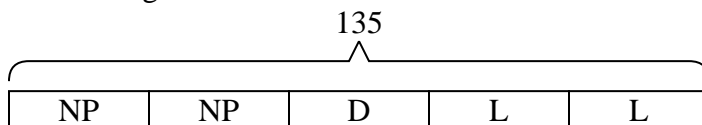
P = Pistachio  
C = Chocolate  
V = Vanilla

- 4) A store started with 96 sodas. They sold  $\frac{3}{6}$  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

- 5) A game store had 135 amiibo they were trying to sell. They sold  $\frac{2}{5}$  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?



L = Left  
NP = normal  
D = Discount

**Answers**

1. **38**  
2. **93**  
3. **19**  
4. **32**  
5. **54**