



Solve each problem using a tape diagram.

Answers

1) A store started with 470 sodas. They sold  $\frac{2}{10}$  of them over the next month and they had to throw out  $\frac{2}{8}$  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) A game store had 747 amiibo they were trying to sell. They sold  $\frac{6}{9}$  at normal price. Then they sold  $\frac{2}{3}$  of the ones that were left at a discount. How many amiibo did they have left after selling the discount ones?

3) On Gwen's phone  $\frac{2}{8}$  of the pictures were selfies. Of the other pictures on her phone  $\frac{3}{6}$  were of her cat. If she has 712 pictures on her phone, how many are not of her cat or selfies?

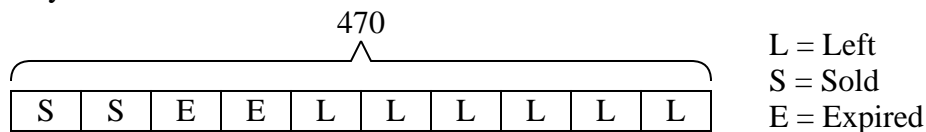
4) On Mike's phone he has 612 songs.  $\frac{7}{9}$  of the songs are alternative.  $\frac{1}{2}$  of the rest of the songs were rock. How many songs are on his phone that aren't rock or alternative?

5) A pizzeria owner sold 352 pizzas on Friday.  $\frac{3}{8}$  of all the pizzas sold were pepperoni.  $\frac{1}{5}$  of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?

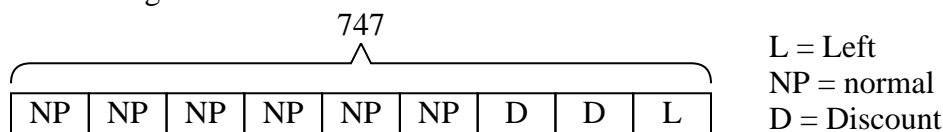


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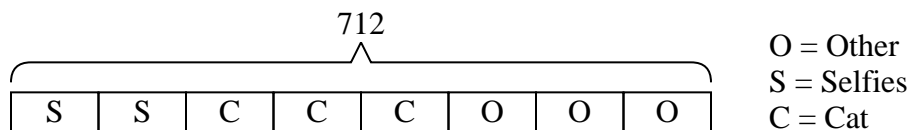
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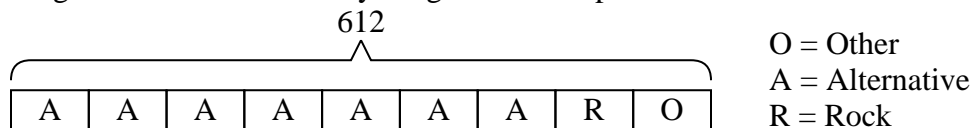
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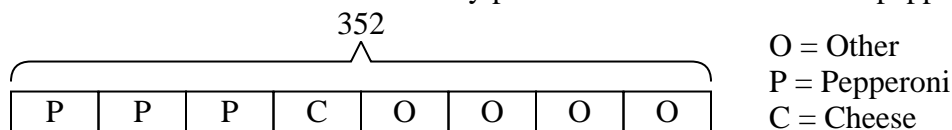
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Answers

1. **282**  
2. **83**  
3. **267**  
4. **68**  
5. **176**