



Solve each problem using a tape diagram.

Answers

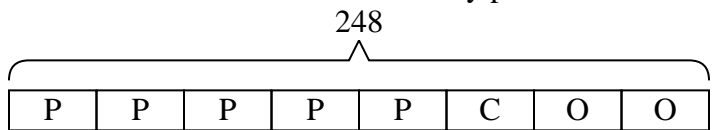
- 1) A pizzeria owner sold 248 pizzas on Friday.  $\frac{5}{8}$  of all the pizzas sold were pepperoni.  $\frac{1}{3}$  of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?
- 2) A store started with 154 sodas. They sold  $\frac{1}{7}$  of them over the next month and they had to throw out  $\frac{5}{6}$  of the ones that were left because they were expired. How many sodas did they have at the end?
- 3) Vanessa went shopping on Black Friday. She spent \$215 total.  $\frac{1}{5}$  of what she spent was at Best Buy. She spent  $\frac{2}{4}$  of what was left at Kohls and the rest she spent at Target. How much did she spend at Target?
- 4) On George's phone he has 784 songs.  $\frac{3}{8}$  of the songs are alternative.  $\frac{4}{5}$  of the rest of the songs were rock. How many songs are on his phone that aren't rock or alternative?
- 5) A game store had 184 amiibo they were trying to sell. They sold  $\frac{5}{8}$  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?

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_



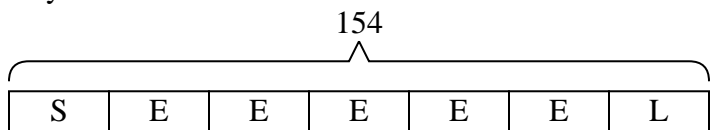
Solve each problem using a tape diagram.

- 1) A pizzeria owner sold 248 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?



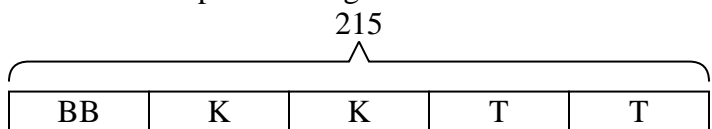
O = Other  
P = Pepperoni  
C = Cheese

- 2) A store started with 154 sodas. They sold  $\frac{1}{7}$  of them over the next month and they had to throw out  $\frac{5}{6}$  of the ones that were left because they were expired. How many sodas did they have at the end?



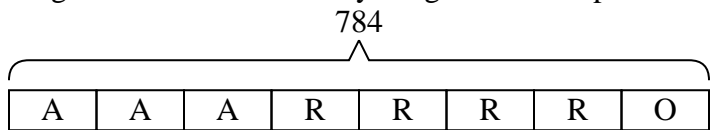
L = Left  
S = Sold  
E = Expired

- 3) Vanessa went shopping on Black Friday. She spent \$215 total.  $\frac{1}{5}$  of what she spent was at Best Buy. She spent  $\frac{2}{4}$  of what was left at Kohls and the rest she spent at Target. How much did she spend at Target?



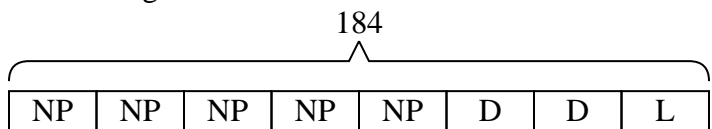
T = Target  
BB = Best Buy  
K = Kohls

- 4) On George's phone he has 784 songs.  $\frac{3}{8}$  of the songs are alternative.  $\frac{4}{5}$  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

- 5) A game store had 184 amiibo they were trying to sell. They sold  $\frac{5}{8}$  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?



L = Left  
NP = normal  
D = Discount

Answers

1. **62**  
2. **22**  
3. **86**  
4. **98**  
5. **23**