



Solve each problem using a tape diagram.

Answers

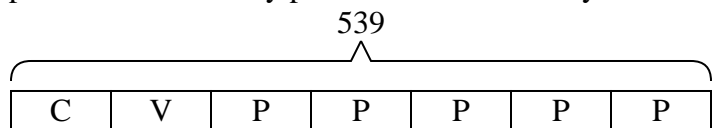
- 1) At Amy's Ice Cream Emporium they sold 539 ice cream cones in a day.  $\frac{1}{7}$  of them sold were chocolate.  $\frac{1}{6}$  of the ones that weren't chocolate were vanilla. And the remaining were pistachio. How many pistachio cones did they sell?
  
- 2) A game store had 402 amiibo they were trying to sell. They sold  $\frac{4}{6}$  at normal price. Then they sold  $\frac{1}{2}$  of the ones that were left at a discount. How many amiibo did they have left after selling the discount ones?
  
- 3) Nancy went shopping on Black Friday. She spent \$180 total.  $\frac{4}{6}$  of what she spent was at Best Buy. She spent  $\frac{1}{2}$  of what was left at Kohls and the rest she spent at Target. How much did she spend at Target?
  
- 4) A store started with 155 sodas. They sold  $\frac{2}{5}$  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) On Tom's phone he has 270 songs.  $\frac{4}{9}$  of the songs are alternative.  $\frac{3}{5}$  of the rest of the songs were rock. How many songs are on his phone that aren't rock or alternative?

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



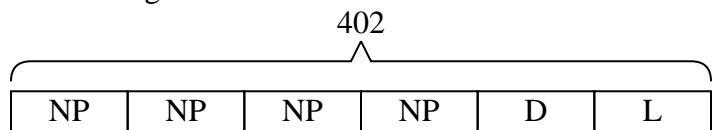
Solve each problem using a tape diagram.

- 1) At Amy's Ice Cream Emporium they sold 539 ice cream cones in a day.  $\frac{1}{7}$  of them sold were chocolate.  $\frac{1}{6}$  of the ones that weren't chocolate were vanilla. And the remaining were pistachio. How many pistachio cones did they sell?



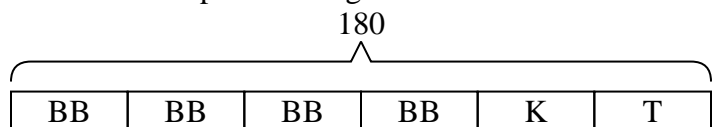
P = Pistachio  
C = Chocolate  
V = Vanilla

- 2) A game store had 402 amiibo they were trying to sell. They sold  $\frac{4}{6}$  at normal price. Then they sold  $\frac{1}{2}$  of the ones that were left at a discount. How many amiibo did they have left after selling the discount ones?



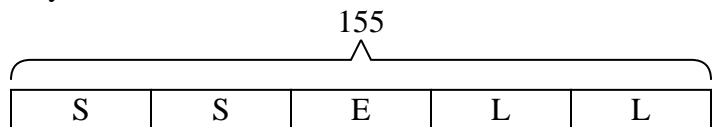
L = Left  
NP = normal  
D = Discount

- 3) Nancy went shopping on Black Friday. She spent \$180 total.  $\frac{4}{6}$  of what she spent was at Best Buy. She spent  $\frac{1}{2}$  of what was left at Kohls and the rest she spent at Target. How much did she spend at Target?



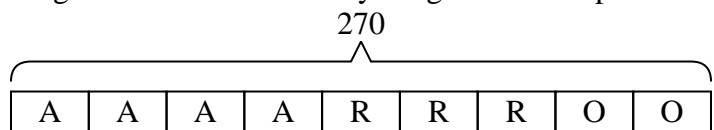
T = Target  
BB = Best Buy  
K = Kohls

- 4) A store started with 155 sodas. They sold  $\frac{2}{5}$  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) On Tom's phone he has 270 songs.  $\frac{4}{9}$  of the songs are alternative.  $\frac{3}{5}$  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

Answers

1. **385**  
2. **67**  
3. **30**  
4. **62**  
5. **60**