



Solve each problem using a tape diagram.

Answers

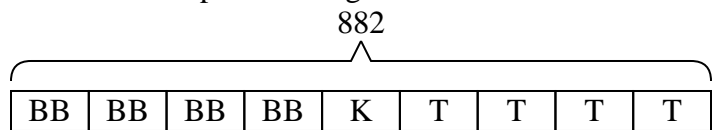
- 1) Faye went shopping on Black Friday. She spent \$882 total.  $\frac{4}{9}$  of what she spent was at Best Buy. She spent  $\frac{1}{5}$  of what was left at Kohls and the rest she spent at Target. How much did she spend at Target?
  
- 2) At Janet's Ice Cream Emporium they sold 408 ice cream cones in a day.  $\frac{4}{8}$  of them sold were chocolate.  $\frac{1}{4}$  of the ones that weren't chocolate were vanilla. And the remaining were pistachio. How many pistachio cones did they sell?
  
- 3) On Victor's phone he has 592 songs.  $\frac{6}{8}$  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?
  
- 4) A store started with 870 sodas. They sold  $\frac{7}{10}$  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) At the school carnival  $\frac{3}{8}$  of the money spent is spent on games. Of what is not spent on games,  $\frac{2}{5}$  is spent on food. If \$600 are spent each day at the carnival, how much is not spent on games or food?

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



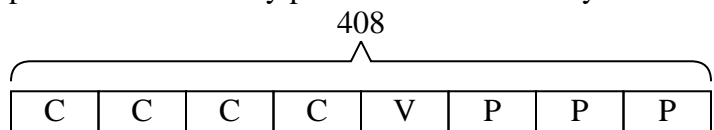
Solve each problem using a tape diagram.

- 1) Faye went shopping on Black Friday. She spent \$882 total.  $\frac{4}{9}$  of what she spent was at Best Buy. She spent  $\frac{1}{5}$  of what was left at Kohls and the rest she spent at Target. How much did she spend at Target?



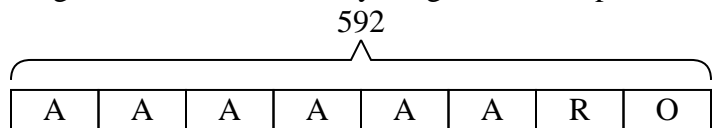
T = Target  
BB = Best Buy  
K = Kohls

- 2) At Janet's Ice Cream Emporium they sold 408 ice cream cones in a day.  $\frac{4}{8}$  of them sold were chocolate.  $\frac{1}{4}$  of the ones that weren't chocolate were vanilla. And the remaining were pistachio. How many pistachio cones did they sell?



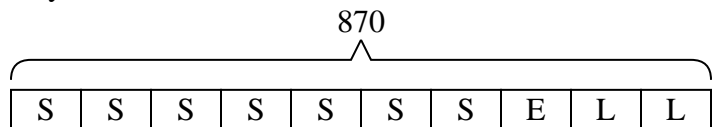
P = Pistachio  
C = Chocolate  
V = Vanilla

- 3) On Victor's phone he has 592 songs.  $\frac{6}{8}$  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?



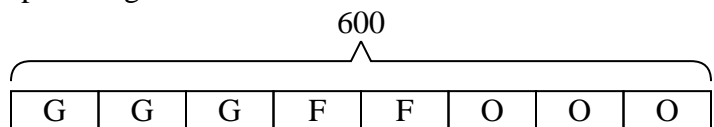
O = Other  
A = Alternative  
R = Rock

- 4) A store started with 870 sodas. They sold  $\frac{7}{10}$  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) At the school carnival  $\frac{3}{8}$  of the money spent is spent on games. Of what is not spent on games,  $\frac{2}{5}$  is spent on food. If \$600 are spent each day at the carnival, how much is not spent on games or food?



O = Other  
G = Games  
F = Food

Answers

1. 392  
2. 153  
3. 74  
4. 174  
5. 225