



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?

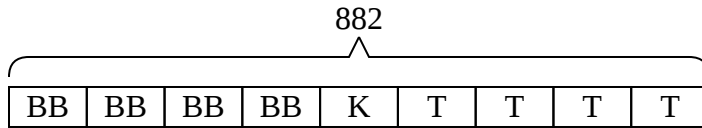
1. _____
2. _____
3. _____
4. _____
5. _____



Solve each problem using a tape diagram.

Answers

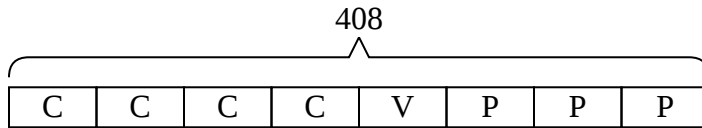
- 1) Faye went shopping on Black Friday. She spent \$882 total. $\frac{4}{9}$ of what she spent was at Best Buy. She spent $\frac{1}{5}$ of what was left at Kohls and the rest she spent at Target. How much did she spend at Target?



T = Target
BB = Best Buy
K = Kohls

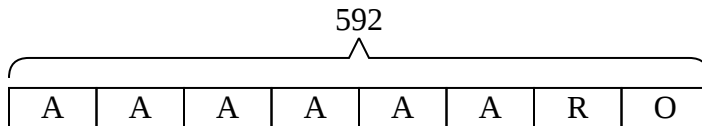
1. **392**2. **153**3. **74**4. **174**5. **225**

- 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?



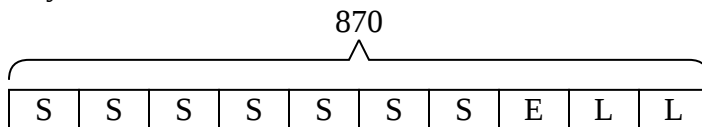
P = Pistachio
C = Chocolate
V = Vanilla

- 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?



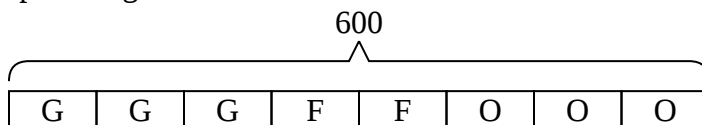
O = Other
A = Alternative
R = Rock

- 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