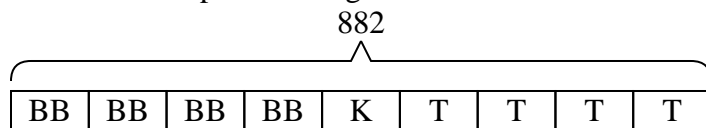**Solve each problem using a tape diagram.**

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?

1. _____

2. _____

3. _____

4. _____

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?

5. _____

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?
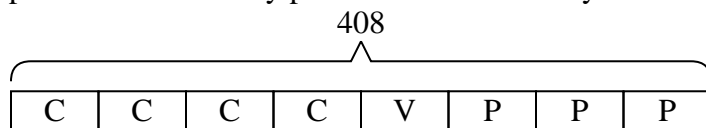
Solve each problem using a tape diagram.

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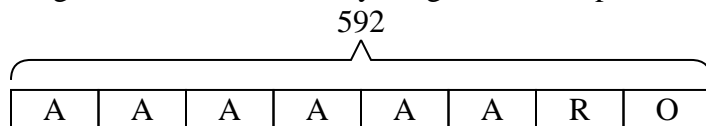
882

| BB | BB | BB | BB | K | T | T | T | T |

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?
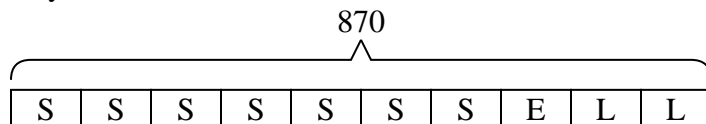
408

| C | C | C | C | V | P | P | P |

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?
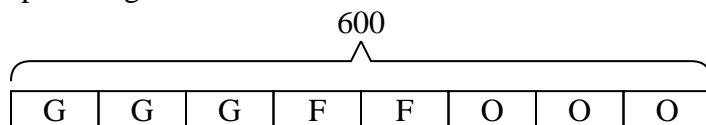
592

| A | A | A | A | A | A | R | O |

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?

870

| S | S | S | S | S | S | S | E | L | L |

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?

600

| G | G | G | F | F | O | O | O |

O = Other
G = Games
F = Food