



Solve each problem using a tape diagram.

- 1) Gwen went shopping on Black Friday. She spent \$783 total. $\frac{1}{9}$ of what she spent was at Best Buy. She spent $\frac{5}{8}$ of what was left at Kohls and the rest she spent at Target. How much did she spend at Target?

- 2) At the school carnival $\frac{1}{9}$ of the money spent is spent on games. Of what is not spent on games, $\frac{3}{8}$ is spent on food. If \$360 are spent each day at the carnival, how much is not spent on games or food?

- 3) At Debby's Ice Cream Emporium they sold 195 ice cream cones in a day. $\frac{1}{5}$ of them sold were chocolate. $\frac{2}{4}$ of the ones that weren't chocolate were vanilla. And the remaining were pistachio. How many pistachio cones did they sell?

- 4) A game store had 420 amiibo they were trying to sell. They sold $\frac{3}{5}$ 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?

- 5) On Lana's phone $\frac{4}{7}$ of the pictures were selfies. Of the other pictures on her phone $\frac{1}{3}$ were of her cat. If she has 252 pictures on her phone, how many are not of her cat or selfies?

Answers

1. _____

2. _____

3. _____

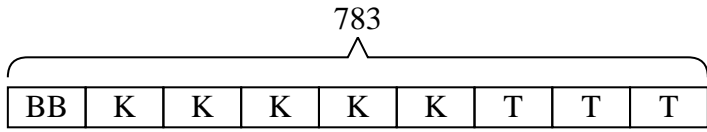
4. _____

5. _____



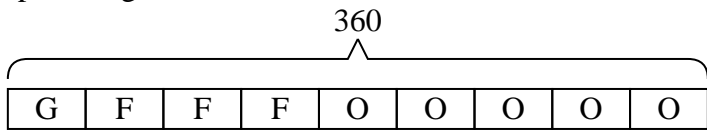
Solve each problem using a tape diagram.

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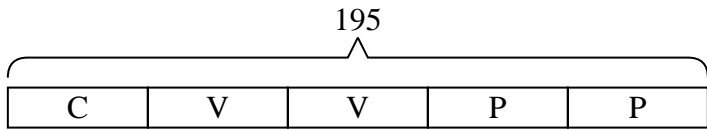
T = Target
BB = Best Buy
K = Kohls

- 2) At the school carnival $\frac{1}{9}$ of the money spent is spent on games. Of what is not spent on games, $\frac{3}{8}$ is spent on food. If \$360 are spent each day at the carnival, how much is not spent on games or food?



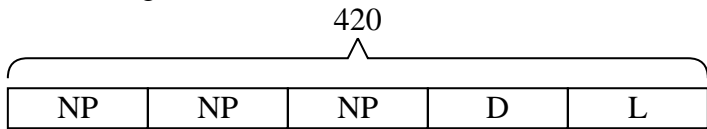
O = Other
G = Games
F = Food

- 3) At Debby's Ice Cream Emporium they sold 195 ice cream cones in a day. $\frac{1}{5}$ of them sold were chocolate. $\frac{2}{4}$ of the ones that weren't chocolate were vanilla. And the remaining were pistachio. How many pistachio cones did they sell?



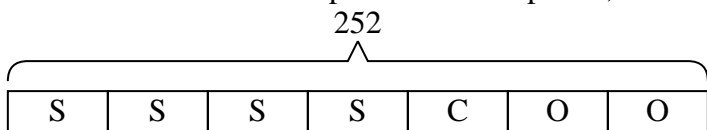
P = Pistachio
C = Chocolate
V = Vanilla

- 4) A game store had 420 amiibo they were trying to sell. They sold $\frac{3}{5}$ 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

- 5) On Lana's phone $\frac{4}{7}$ of the pictures were selfies. Of the other pictures on her phone $\frac{1}{3}$ were of her cat. If she has 252 pictures on her phone, how many are not of her cat or selfies?



O = Other
S = Selfies
C = Cat

Answers

1. 261
2. 200
3. 78
4. 84
5. 72