



Solve each problem using a tape diagram.

- 1) At Gwen's Ice Cream Emporium they sold 696 ice cream cones in a day. $\frac{4}{8}$ of them sold were chocolate. $\frac{3}{4}$ 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 350 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?

- 3) A pizzeria owner sold 414 pizzas on Friday. $\frac{4}{9}$ of all the pizzas sold were pepperoni. $\frac{1}{5}$ of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?

- 4) At the school carnival $\frac{2}{7}$ of the money spent is spent on games. Of what is not spent on games, $\frac{1}{5}$ is spent on food. If \$147 are spent each day at the carnival, how much is not spent on games or food?

- 5) Lana went shopping on Black Friday. She spent \$408 total. $\frac{2}{8}$ of what she spent was at Best Buy. She spent $\frac{3}{6}$ of what was left at Kohls and the rest she spent at Target. How much did she spend at Target?

Answers

1. _____

2. _____

3. _____

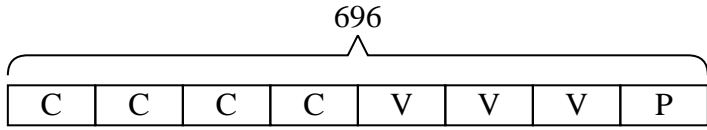
4. _____

5. _____



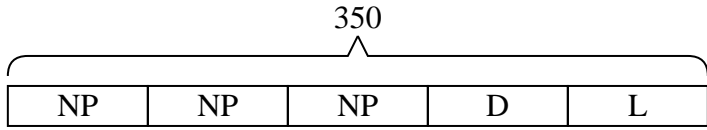
Solve each problem using a tape diagram.

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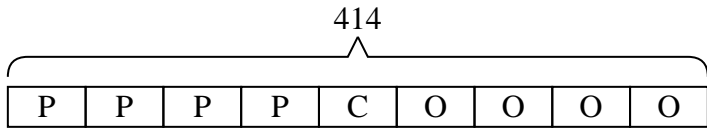
P = Pistachio
C = Chocolate
V = Vanilla

- 2) A game store had 350 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?



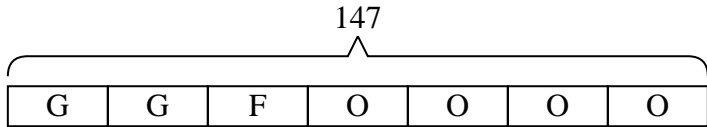
L = Left
NP = normal
D = Discount

- 3) A pizzeria owner sold 414 pizzas on Friday. $\frac{4}{9}$ of all the pizzas sold were pepperoni. $\frac{1}{5}$ of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?



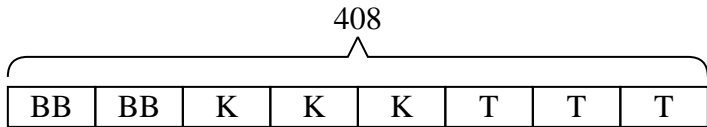
O = Other
P = Pepperoni
C = Cheese

- 4) At the school carnival $\frac{2}{7}$ of the money spent is spent on games. Of what is not spent on games, $\frac{1}{5}$ is spent on food. If \$147 are spent each day at the carnival, how much is not spent on games or food?



O = Other
G = Games
F = Food

- 5) Lana went shopping on Black Friday. She spent \$408 total. $\frac{2}{8}$ of what she spent was at Best Buy. She spent $\frac{3}{6}$ 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

Answers

1. **87**

2. **70**

3. **184**

4. **84**

5. **153**