



Solve each problem using a tape diagram.

Answers

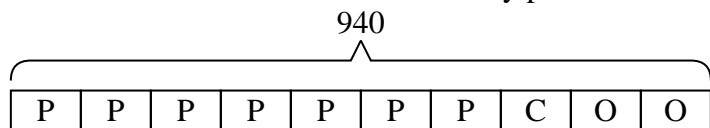
- 1) A pizzeria owner sold 940 pizzas on Friday. $\frac{7}{10}$ of all the pizzas sold were pepperoni. $\frac{1}{3}$ of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?
- 2) At the school carnival $\frac{2}{8}$ of the money spent is spent on games. Of what is not spent on games, $\frac{2}{6}$ is spent on food. If \$720 are spent each day at the carnival, how much is not spent on games or food?
- 3) At Carol's Ice Cream Emporium they sold 640 ice cream cones in a day. $\frac{5}{10}$ of them sold were chocolate. $\frac{3}{5}$ of the ones that weren't chocolate were vanilla. And the remaining were pistachio. How many pistachio cones did they sell?
- 4) On John's phone he has 570 songs. $\frac{2}{6}$ of the songs are alternative. $\frac{2}{4}$ of the rest of the songs were rock. How many songs are on his phone that aren't rock or alternative?
- 5) On Gwen's phone $\frac{5}{9}$ of the pictures were selfies. Of the other pictures on her phone $\frac{1}{4}$ were of her cat. If she has 513 pictures on her phone, how many are not of her cat or selfies?

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



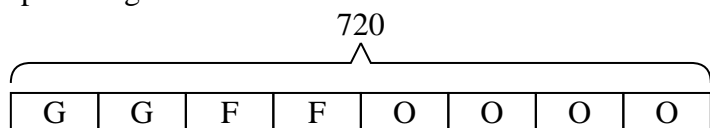
Solve each problem using a tape diagram.

- 1) A pizzeria owner sold 940 pizzas on Friday. $\frac{7}{10}$ of all the pizzas sold were pepperoni. $\frac{1}{3}$ of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?



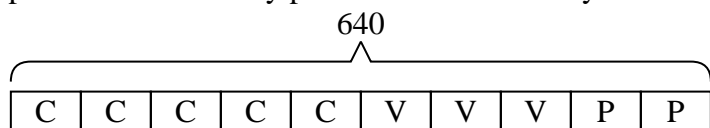
O = Other
P = Pepperoni
C = Cheese

- 2) At the school carnival $\frac{2}{8}$ of the money spent is spent on games. Of what is not spent on games, $\frac{2}{6}$ is spent on food. If \$720 are spent each day at the carnival, how much is not spent on games or food?



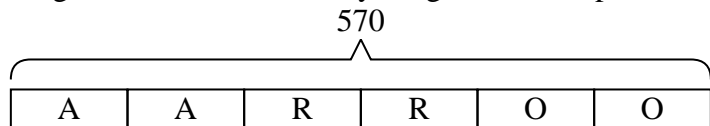
O = Other
G = Games
F = Food

- 3) At Carol's Ice Cream Emporium they sold 640 ice cream cones in a day. $\frac{5}{10}$ of them sold were chocolate. $\frac{3}{5}$ of the ones that weren't chocolate were vanilla. And the remaining were pistachio. How many pistachio cones did they sell?



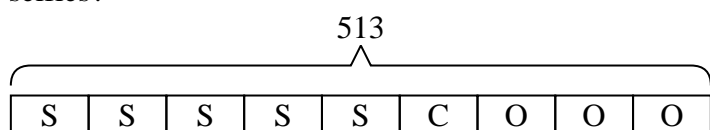
P = Pistachio
C = Chocolate
V = Vanilla

- 4) On John's phone he has 570 songs. $\frac{2}{6}$ of the songs are alternative. $\frac{2}{4}$ 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

- 5) On Gwen's phone $\frac{5}{9}$ of the pictures were selfies. Of the other pictures on her phone $\frac{1}{4}$ were of her cat. If she has 513 pictures on her phone, how many are not of her cat or selfies?



O = Other
S = Selfies
C = Cat

Answers

1. **188**
2. **360**
3. **128**
4. **190**
5. **171**