



Solve each problem using a tape diagram.

Answers

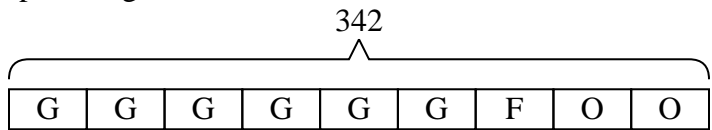
- 1) At the school carnival $\frac{6}{9}$ of the money spent is spent on games. Of what is not spent on games, $\frac{1}{3}$ is spent on food. If \$342 are spent each day at the carnival, how much is not spent on games or food?
- 2) At Carol's Ice Cream Emporium they sold 486 ice cream cones in a day. $\frac{2}{6}$ 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) A pizzeria owner sold 783 pizzas on Friday. $\frac{4}{9}$ of all the pizzas sold were pepperoni. $\frac{4}{5}$ of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?
- 4) A game store had 592 amiibo they were trying to sell. They sold $\frac{4}{8}$ at normal price. Then they sold $\frac{3}{4}$ of the ones that were left at a discount. How many amiibo did they have left after selling the discount ones?
- 5) On Jerry's phone he has 306 songs. $\frac{6}{9}$ of the songs are alternative. $\frac{2}{3}$ of the rest of the songs were rock. How many songs are on his phone that aren't rock or alternative?

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



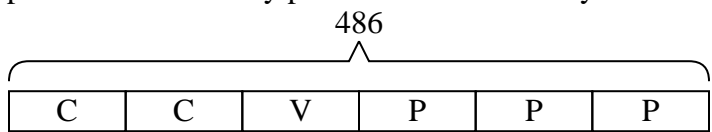
Solve each problem using a tape diagram.

- 1) At the school carnival $\frac{6}{9}$ of the money spent is spent on games. Of what is not spent on games, $\frac{1}{3}$ is spent on food. If \$342 are spent each day at the carnival, how much is not spent on games or food?



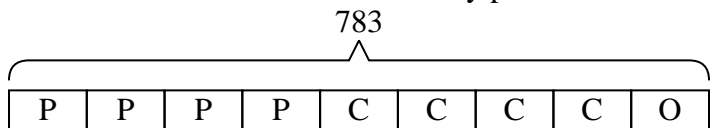
O = Other
G = Games
F = Food

- 2) At Carol's Ice Cream Emporium they sold 486 ice cream cones in a day. $\frac{2}{6}$ 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?



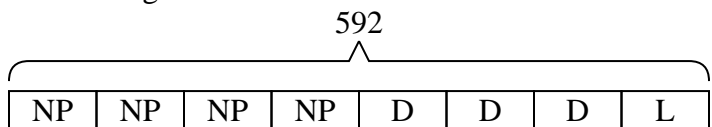
P = Pistachio
C = Chocolate
V = Vanilla

- 3) A pizzeria owner sold 783 pizzas on Friday. $\frac{4}{9}$ of all the pizzas sold were pepperoni. $\frac{4}{5}$ of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?



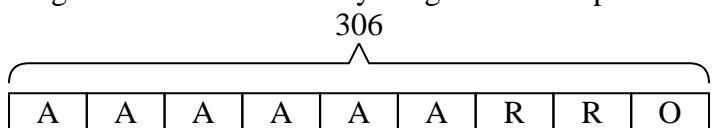
O = Other
P = Pepperoni
C = Cheese

- 4) A game store had 592 amiibo they were trying to sell. They sold $\frac{4}{8}$ at normal price. Then they sold $\frac{3}{4}$ 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 Jerry's phone he has 306 songs. $\frac{6}{9}$ of the songs are alternative. $\frac{2}{3}$ 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

Answers

1. **76**
2. **243**
3. **87**
4. **74**
5. **34**