



Solve each problem using a tape diagram.

Answers

1) At Bianca's Ice Cream Emporium they sold 160 ice cream cones in a day. $\frac{6}{10}$ 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?

1. _____

2. _____

3. _____

4. _____

5. _____

2) On Luke's phone he has 266 songs. $\frac{4}{7}$ 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?

3) At the school carnival $\frac{5}{10}$ of the money spent is spent on games. Of what is not spent on games, $\frac{4}{5}$ is spent on food. If \$100 are spent each day at the carnival, how much is not spent on games or food?

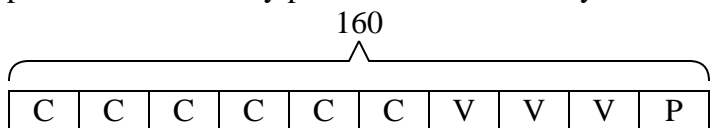
4) On Carol's phone $\frac{2}{9}$ of the pictures were selfies. Of the other pictures on her phone $\frac{4}{7}$ were of her cat. If she has 585 pictures on her phone, how many are not of her cat or selfies?

5) A game store had 560 amiibo they were trying to sell. They sold $\frac{6}{10}$ at normal price. Then they sold $\frac{1}{4}$ of the ones that were left at a discount. How many amiibo did they have left after selling the discount ones?



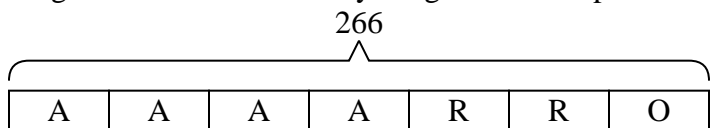
Solve each problem using a tape diagram.

- 1) At Bianca's Ice Cream Emporium they sold 160 ice cream cones in a day. $\frac{6}{10}$ 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?



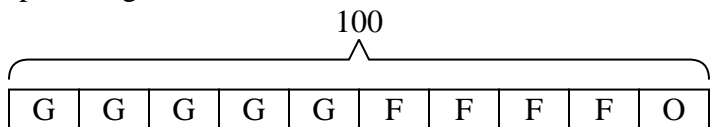
P = Pistachio
C = Chocolate
V = Vanilla

- 2) On Luke's phone he has 266 songs. $\frac{4}{7}$ 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?



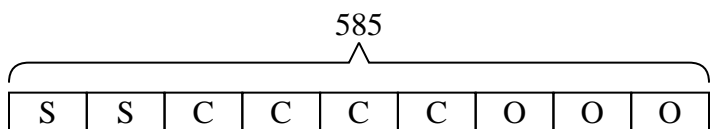
O = Other
A = Alternative
R = Rock

- 3) At the school carnival $\frac{5}{10}$ of the money spent is spent on games. Of what is not spent on games, $\frac{4}{5}$ is spent on food. If \$100 are spent each day at the carnival, how much is not spent on games or food?



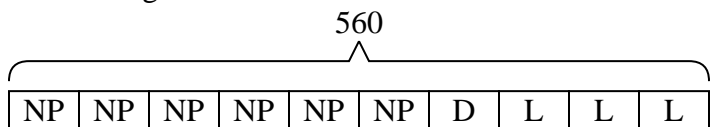
O = Other
G = Games
F = Food

- 4) On Carol's phone $\frac{2}{9}$ of the pictures were selfies. Of the other pictures on her phone $\frac{4}{7}$ were of her cat. If she has 585 pictures on her phone, how many are not of her cat or selfies?



O = Other
S = Selfies
C = Cat

- 5) A game store had 560 amiibo they were trying to sell. They sold $\frac{6}{10}$ at normal price. Then they sold $\frac{1}{4}$ 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

Answers

1. 16
2. 38
3. 10
4. 195
5. 168