



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?
- 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?

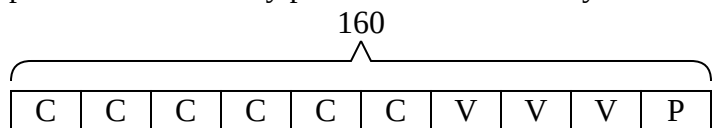
1. _____
2. _____
3. _____
4. _____
5. _____



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Answers

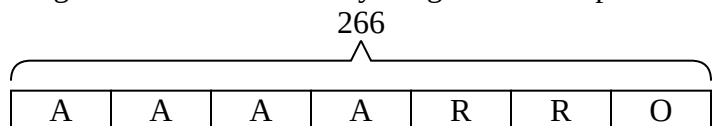
- 1) At Bianca's Ice Cream Emporium they sold 160 ice cream cones in a day. $\frac{6}{10}$ of them sold were chocolate. $\frac{3}{4}$ of the ones that weren't chocolate were vanilla. And the remaining were pistachio. How many pistachio cones did they sell?



P = Pistachio
C = Chocolate
V = Vanilla

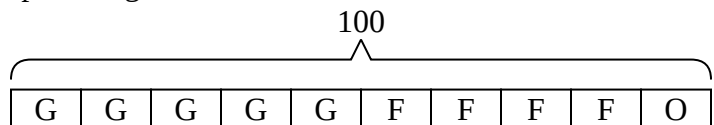
1. **16**2. **38**3. **10**4. **195**5. **168**

- 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?



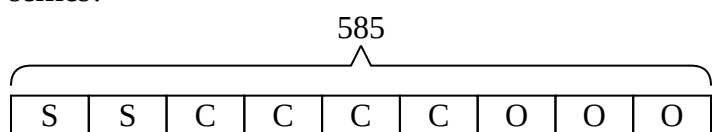
O = Other
A = Alternative
R = Rock

- 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?



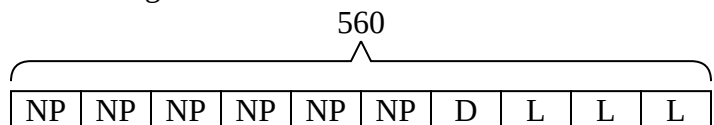
O = Other
G = Games
F = Food

- 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