



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?

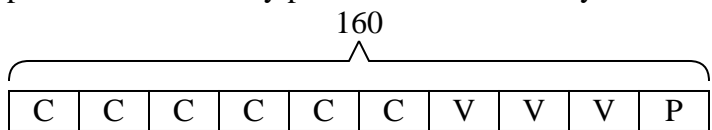
5) A game store had 560 amiibo they were trying to sell. They sold  $\frac{6}{10}$  at normal price. Then they sold  $\frac{1}{4}$  of the ones that were left at a discount. How many amiibo did they have left after selling the discount ones?



Solve each problem using a tape diagram.

Answers

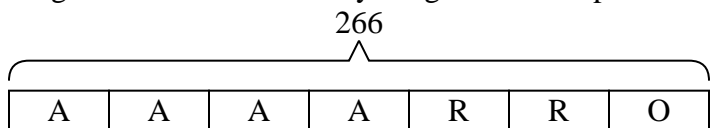
- 1) At Bianca's Ice Cream Emporium they sold 160 ice cream cones in a day.  $\frac{6}{10}$  of them sold were chocolate.  $\frac{3}{4}$  of the ones that weren't chocolate were vanilla. And the remaining were pistachio. How many pistachio cones did they sell?



P = Pistachio  
C = Chocolate  
V = Vanilla

1. **16**

- 2) 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

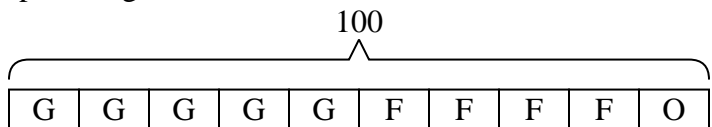
2. **38**

3. **10**

4. **195**

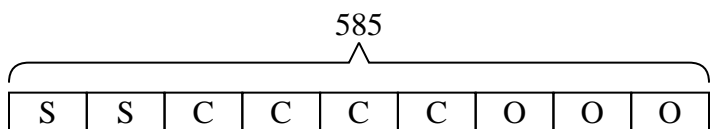
5. **168**

- 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?



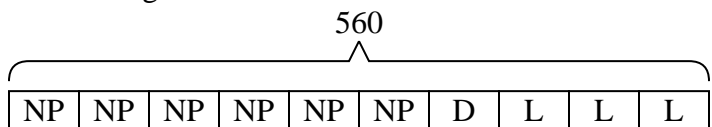
O = Other  
G = Games  
F = Food

- 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