



Solve each problem using a tape diagram.

**Answers**

- 1) At the school carnival  $\frac{7}{10}$  of the money spent is spent on games. Of what is not spent on games,  $\frac{1}{3}$  is spent on food. If \$220 are spent each day at the carnival, how much is not spent on games or food?
- 2) A game store had 264 amiibo they were trying to sell. They sold  $\frac{1}{6}$  at normal price. Then they sold  $\frac{3}{5}$  of the ones that were left at a discount. How many amiibo did they have left after selling the discount ones?
- 3) At Maria's Ice Cream Emporium they sold 98 ice cream cones in a day.  $\frac{2}{7}$  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) A pizzeria owner sold 441 pizzas on Friday.  $\frac{5}{9}$  of all the pizzas sold were pepperoni.  $\frac{1}{4}$  of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?
- 5) On Haley's phone  $\frac{5}{9}$  of the pictures were selfies. Of the other pictures on her phone  $\frac{2}{4}$  were of her cat. If she has 477 pictures on her phone, how many are not of her cat or selfies?

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

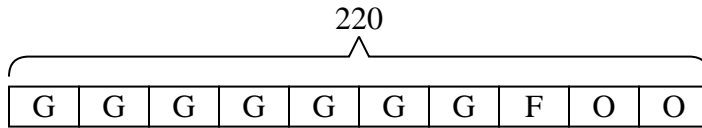
5. \_\_\_\_\_



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**Answers**

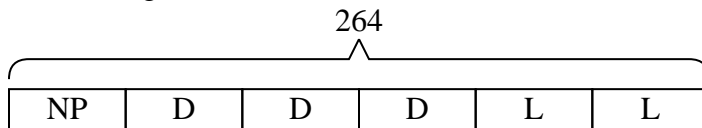
- 1) At the school carnival  $\frac{7}{10}$  of the money spent is spent on games. Of what is not spent on games,  $\frac{1}{3}$  is spent on food. If \$220 are spent each day at the carnival, how much is not spent on games or food?



O = Other  
G = Games  
F = Food

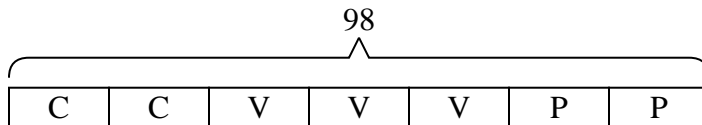
1. **44**2. **88**3. **28**4. **147**5. **106**

- 2) A game store had 264 amiibo they were trying to sell. They sold  $\frac{1}{6}$  at normal price. Then they sold  $\frac{3}{5}$  of the ones that were left at a discount. How many amiibo did they have left after selling the discount ones?



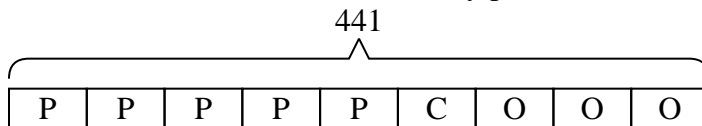
L = Left  
NP = normal  
D = Discount

- 3) At Maria's Ice Cream Emporium they sold 98 ice cream cones in a day.  $\frac{2}{7}$  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?



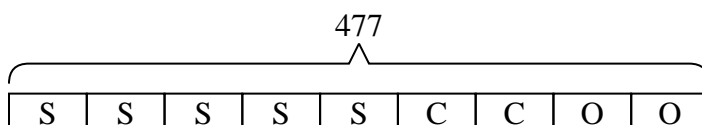
P = Pistachio  
C = Chocolate  
V = Vanilla

- 4) A pizzeria owner sold 441 pizzas on Friday.  $\frac{5}{9}$  of all the pizzas sold were pepperoni.  $\frac{1}{4}$  of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?



O = Other  
P = Pepperoni  
C = Cheese

- 5) On Haley's phone  $\frac{5}{9}$  of the pictures were selfies. Of the other pictures on her phone  $\frac{2}{4}$  were of her cat. If she has 477 pictures on her phone, how many are not of her cat or selfies?



O = Other  
S = Selfies  
C = Cat