

**Solve each problem using a tape diagram.****Answers**

- 1) At the school carnival $\frac{2}{6}$ of the money spent is spent on games. Of what is not spent on games, $\frac{1}{4}$ is spent on food. If \$102 are spent each day at the carnival, how much is not spent on games or food?
- 2) A game store had 294 amiibo they were trying to sell. They sold $\frac{3}{6}$ at normal price. Then they sold $\frac{2}{3}$ of the ones that were left at a discount. How many amiibo did they have left after selling the discount ones?
- 3) A store started with 294 sodas. They sold $\frac{1}{6}$ of them over the next month and they had to throw out $\frac{3}{5}$ of the ones that were left because they were expired. How many sodas did they have at the end?
- 4) Carol went shopping on Black Friday. She spent \$275 total. $\frac{2}{5}$ of what she spent was at Best Buy. She spent $\frac{1}{3}$ of what was left at Kohls and the rest she spent at Target. How much did she spend at Target?
- 5) On Emily's phone $\frac{1}{7}$ of the pictures were selfies. Of the other pictures on her phone $\frac{3}{6}$ were of her cat. If she has 357 pictures on her phone, how many are not of her cat or selfies?

1. _____

2. _____

3. _____

4. _____

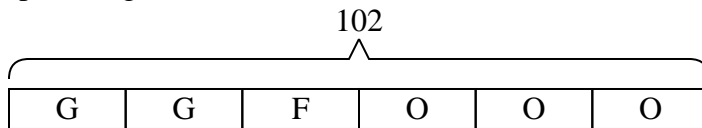
5. _____



Solve each problem using a tape diagram.

Answers

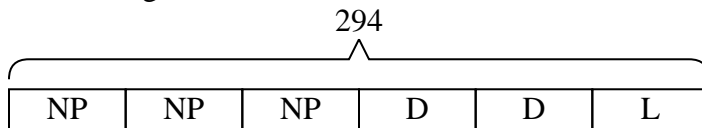
- 1) At the school carnival $\frac{2}{6}$ of the money spent is spent on games. Of what is not spent on games, $\frac{1}{4}$ is spent on food. If \$102 are spent each day at the carnival, how much is not spent on games or food?



O = Other
G = Games
F = Food

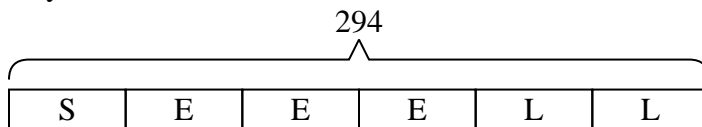
1. **51**2. **49**3. **98**4. **110**5. **153**

- 2) A game store had 294 amiibo they were trying to sell. They sold $\frac{3}{6}$ at normal price. Then they sold $\frac{2}{3}$ of the ones that were left at a discount. How many amiibo did they have left after selling the discount ones?



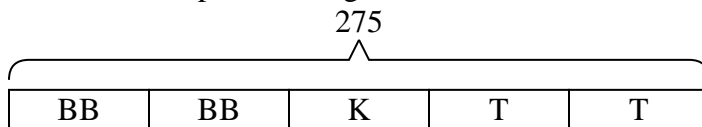
L = Left
NP = normal
D = Discount

- 3) A store started with 294 sodas. They sold $\frac{1}{6}$ of them over the next month and they had to throw out $\frac{3}{5}$ of the ones that were left because they were expired. How many sodas did they have at the end?



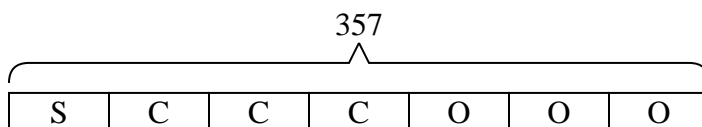
L = Left
S = Sold
E = Expired

- 4) Carol went shopping on Black Friday. She spent \$275 total. $\frac{2}{5}$ of what she spent was at Best Buy. She spent $\frac{1}{3}$ of what was left at Kohls and the rest she spent at Target. How much did she spend at Target?



T = Target
BB = Best Buy
K = Kohls

- 5) On Emily's phone $\frac{1}{7}$ of the pictures were selfies. Of the other pictures on her phone $\frac{3}{6}$ were of her cat. If she has 357 pictures on her phone, how many are not of her cat or selfies?



O = Other
S = Selfies
C = Cat