



Solve each problem using a tape diagram.

Answers

- 1) A game store had 145 amiibo they were trying to sell. They sold $\frac{2}{5}$ 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?

- 2) A store started with 425 sodas. They sold $\frac{2}{5}$ of them over the next month and they had to throw out $\frac{1}{3}$ of the ones that were left because they were expired. How many sodas did they have at the end?

- 3) A pizzeria owner sold 414 pizzas on Friday. $\frac{1}{6}$ of all the pizzas sold were pepperoni. $\frac{1}{5}$ of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?

- 4) On Nancy's phone $\frac{2}{9}$ of the pictures were selfies. Of the other pictures on her phone $\frac{1}{7}$ were of her cat. If she has 819 pictures on her phone, how many are not of her cat or selfies?

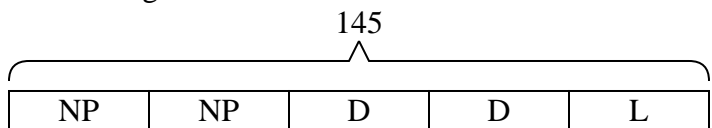
- 5) At Lana's Ice Cream Emporium they sold 558 ice cream cones in a day. $\frac{4}{6}$ of them sold were chocolate. $\frac{1}{2}$ of the ones that weren't chocolate were vanilla. And the remaining were pistachio. How many pistachio cones did they sell?

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



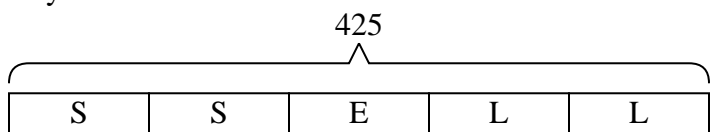
Solve each problem using a tape diagram.

- 1) A game store had 145 amiibo they were trying to sell. They sold $\frac{2}{5}$ 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?



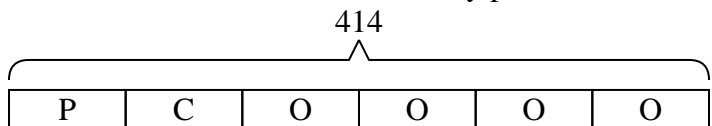
L = Left
NP = normal
D = Discount

- 2) A store started with 425 sodas. They sold $\frac{2}{5}$ of them over the next month and they had to throw out $\frac{1}{3}$ of the ones that were left because they were expired. How many sodas did they have at the end?



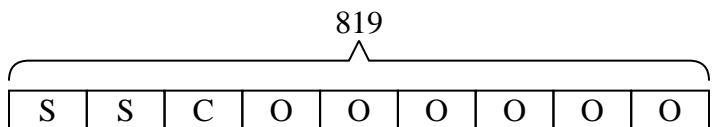
L = Left
S = Sold
E = Expired

- 3) A pizzeria owner sold 414 pizzas on Friday. $\frac{1}{6}$ of all the pizzas sold were pepperoni. $\frac{1}{5}$ of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?



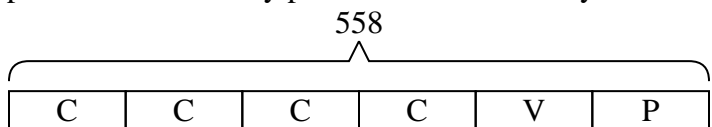
O = Other
P = Pepperoni
C = Cheese

- 4) On Nancy's phone $\frac{2}{9}$ of the pictures were selfies. Of the other pictures on her phone $\frac{1}{7}$ were of her cat. If she has 819 pictures on her phone, how many are not of her cat or selfies?



O = Other
S = Selfies
C = Cat

- 5) At Lana's Ice Cream Emporium they sold 558 ice cream cones in a day. $\frac{4}{6}$ of them sold were chocolate. $\frac{1}{2}$ 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

Answers

1. **29**

2. **170**

3. **276**

4. **546**

5. **93**