

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

- 1) A pizzeria owner sold 544 pizzas on Friday. $\frac{3}{8}$ of all the pizzas sold were pepperoni. $\frac{2}{5}$ of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?
- 2) At the school carnival $\frac{1}{7}$ of the money spent is spent on games. Of what is not spent on games, $\frac{1}{6}$ is spent on food. If \$595 are spent each day at the carnival, how much is not spent on games or food?
- 3) On Ned's phone he has 88 songs. $\frac{4}{8}$ of the songs are alternative. $\frac{2}{4}$ of the rest of the songs were rock. How many songs are on his phone that aren't rock or alternative?
- 4) On Debby's phone $\frac{5}{10}$ of the pictures were selfies. Of the other pictures on her phone $\frac{1}{5}$ were of her cat. If she has 290 pictures on her phone, how many are not of her cat or selfies?
- 5) A store started with 700 sodas. They sold $\frac{2}{10}$ of them over the next month and they had to throw out $\frac{7}{8}$ of the ones that were left because they were expired. How many sodas did they have at the end?

1. _____

2. _____

3. _____

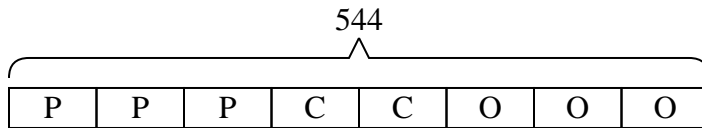
4. _____

5. _____



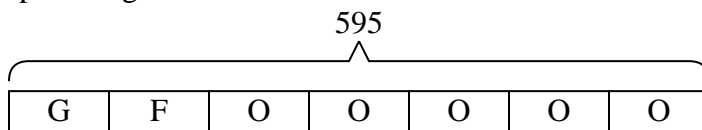
Solve each problem using a tape diagram.

- 1) A pizzeria owner sold 544 pizzas on Friday. $\frac{3}{8}$ of all the pizzas sold were pepperoni. $\frac{2}{5}$ of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?



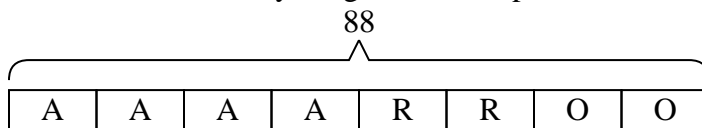
O = Other
P = Pepperoni
C = Cheese

- 2) At the school carnival $\frac{1}{7}$ of the money spent is spent on games. Of what is not spent on games, $\frac{1}{6}$ is spent on food. If \$595 are spent each day at the carnival, how much is not spent on games or food?



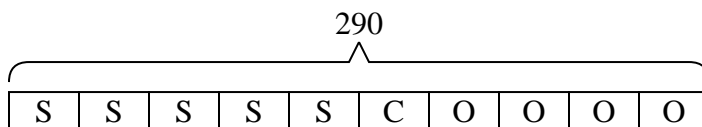
O = Other
G = Games
F = Food

- 3) On Ned's phone he has 88 songs. $\frac{4}{8}$ of the songs are alternative. $\frac{2}{4}$ of the rest of the songs were rock. How many songs are on his phone that aren't rock or alternative?



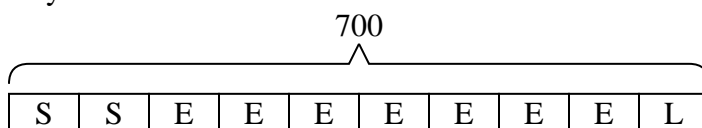
O = Other
A = Alternative
R = Rock

- 4) On Debby's phone $\frac{5}{10}$ of the pictures were selfies. Of the other pictures on her phone $\frac{1}{5}$ were of her cat. If she has 290 pictures on her phone, how many are not of her cat or selfies?



O = Other
S = Selfies
C = Cat

- 5) A store started with 700 sodas. They sold $\frac{2}{10}$ of them over the next month and they had to throw out $\frac{7}{8}$ 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

Answers

1. **204**
2. **425**
3. **22**
4. **116**
5. **70**