



Solve each problem using a tape diagram.

Answers

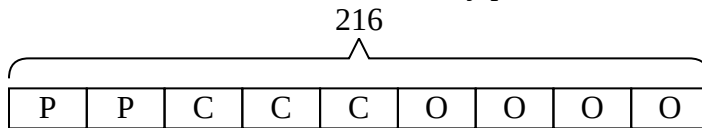
- 1) A pizzeria owner sold 216 pizzas on Friday. $\frac{2}{9}$ of all the pizzas sold were pepperoni. $\frac{3}{7}$ of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?
- 2) On Ned's phone he has 330 songs. $\frac{2}{5}$ of the songs are alternative. $\frac{2}{3}$ of the rest of the songs were rock. How many songs are on his phone that aren't rock or alternative?
- 3) A store started with 432 sodas. They sold $\frac{5}{8}$ of them over the next month and they had to throw out $\frac{2}{3}$ of the ones that were left because they were expired. How many sodas did they have at the end?
- 4) On Emily's phone $\frac{3}{5}$ of the pictures were selfies. Of the other pictures on her phone $\frac{1}{2}$ were of her cat. If she has 215 pictures on her phone, how many are not of her cat or selfies?
- 5) At Robin's Ice Cream Emporium they sold 285 ice cream cones in a day. $\frac{2}{5}$ of them sold were chocolate. $\frac{1}{3}$ 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. _____



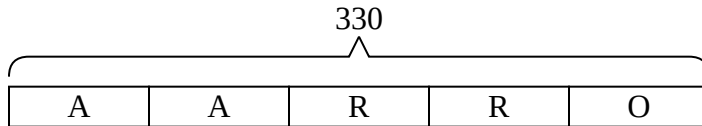
Solve each problem using a tape diagram.

- 1) A pizzeria owner sold 216 pizzas on Friday. $\frac{2}{9}$ of all the pizzas sold were pepperoni. $\frac{3}{7}$ of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?



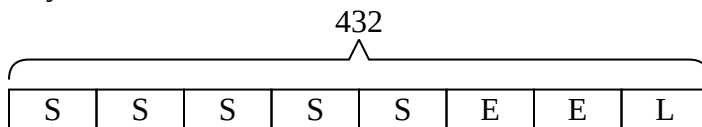
O = Other
P = Pepperoni
C = Cheese

- 2) On Ned's phone he has 330 songs. $\frac{2}{5}$ 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?



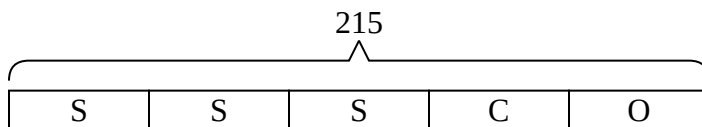
O = Other
A = Alternative
R = Rock

- 3) A store started with 432 sodas. They sold $\frac{5}{8}$ of them over the next month and they had to throw out $\frac{2}{3}$ of the ones that were left because they were expired. How many sodas did they have at the end?



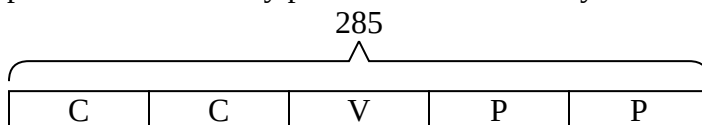
L = Left
S = Sold
E = Expired

- 4) On Emily's phone $\frac{3}{5}$ of the pictures were selfies. Of the other pictures on her phone $\frac{1}{2}$ were of her cat. If she has 215 pictures on her phone, how many are not of her cat or selfies?



O = Other
S = Selfies
C = Cat

- 5) At Robin's Ice Cream Emporium they sold 285 ice cream cones in a day. $\frac{2}{5}$ of them sold were chocolate. $\frac{1}{3}$ 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. **96**
2. **66**
3. **54**
4. **43**
5. **114**