



Solve each problem using a tape diagram.

Answers

- 1) A pizzeria owner sold 210 pizzas on Friday. $\frac{3}{5}$ of all the pizzas sold were pepperoni. $\frac{1}{2}$ of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?

- 2) A store started with 550 sodas. They sold $\frac{5}{10}$ of them over the next month and they had to throw out $\frac{4}{5}$ of the ones that were left because they were expired. How many sodas did they have at the end?

- 3) At Gwen's Ice Cream Emporium they sold 180 ice cream cones in a day. $\frac{2}{6}$ of them sold were chocolate. $\frac{1}{4}$ of the ones that weren't chocolate were vanilla. And the remaining were pistachio. How many pistachio cones did they sell?

- 4) Bianca went shopping on Black Friday. She spent \$900 total. $\frac{2}{10}$ of what she spent was at Best Buy. She spent $\frac{1}{8}$ of what was left at Kohls and the rest she spent at Target. How much did she spend at Target?

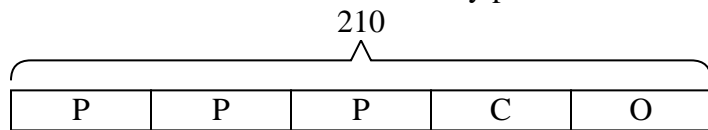
- 5) On Will's phone he has 434 songs. $\frac{3}{7}$ of the songs are alternative. $\frac{1}{4}$ of the rest of the songs were rock. How many songs are on his phone that aren't rock or alternative?

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



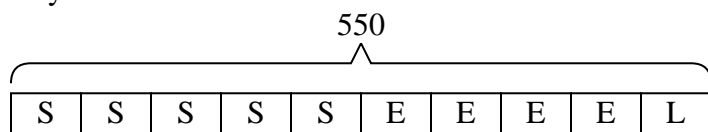
Solve each problem using a tape diagram.

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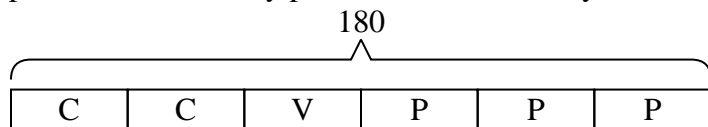
O = Other
P = Pepperoni
C = Cheese

- 2) A store started with 550 sodas. They sold $\frac{5}{10}$ of them over the next month and they had to throw out $\frac{4}{5}$ of the ones that were left because they were expired. How many sodas did they have at the end?



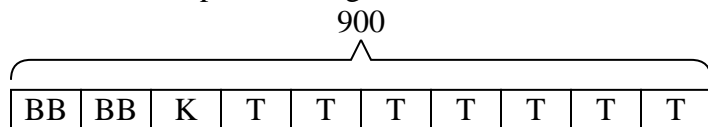
L = Left
S = Sold
E = Expired

- 3) At Gwen's Ice Cream Emporium they sold 180 ice cream cones in a day. $\frac{2}{6}$ of them sold were chocolate. $\frac{1}{4}$ of the ones that weren't chocolate were vanilla. And the remaining were pistachio. How many pistachio cones did they sell?



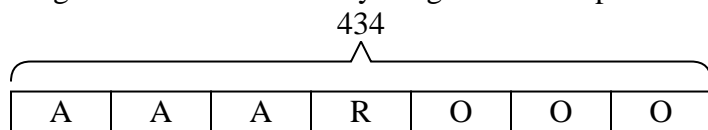
P = Pistachio
C = Chocolate
V = Vanilla

- 4) Bianca went shopping on Black Friday. She spent \$900 total. $\frac{2}{10}$ of what she spent was at Best Buy. She spent $\frac{1}{8}$ 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 Will's phone he has 434 songs. $\frac{3}{7}$ of the songs are alternative. $\frac{1}{4}$ 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

Answers

1. **42**

2. **55**

3. **90**

4. **630**

5. **186**