



Solve each problem using a tape diagram.

Answers

- 1) On Janet's phone $\frac{4}{10}$ of the pictures were selfies. Of the other pictures on her phone $\frac{4}{6}$ were of her cat. If she has 890 pictures on her phone, how many are not of her cat or selfies?

- 2) Rachel went shopping on Black Friday. She spent \$160 total. $\frac{1}{10}$ of what she spent was at Best Buy. She spent $\frac{4}{9}$ of what was left at Kohls and the rest she spent at Target. How much did she spend at Target?

- 3) A pizzeria owner sold 380 pizzas on Friday. $\frac{7}{10}$ of all the pizzas sold were pepperoni. $\frac{1}{3}$ of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?

- 4) At the school carnival $\frac{3}{10}$ of the money spent is spent on games. Of what is not spent on games, $\frac{2}{7}$ is spent on food. If \$900 are spent each day at the carnival, how much is not spent on games or food?

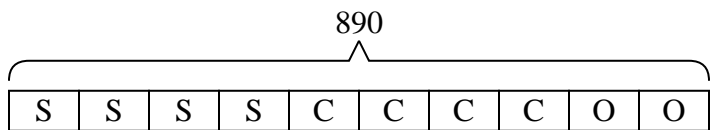
- 5) A game store had 220 amiibo they were trying to sell. They sold $\frac{5}{10}$ at normal price. Then they sold $\frac{1}{5}$ of the ones that were left at a discount. How many amiibo did they have left after selling the discount ones?

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



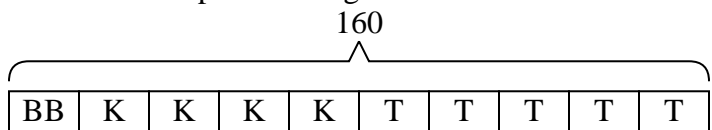
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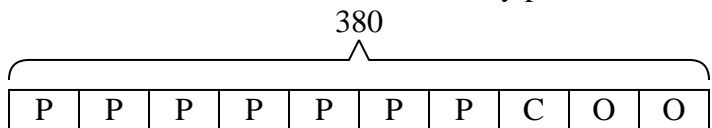
O = Other
S = Selfies
C = Cat

- 2) Rachel went shopping on Black Friday. She spent \$160 total. $\frac{1}{10}$ of what she spent was at Best Buy. She spent $\frac{4}{9}$ of what was left at Kohls and the rest she spent at Target. How much did she spend at Target?



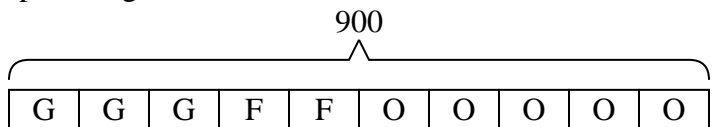
T = Target
BB = Best Buy
K = Kohls

- 3) A pizzeria owner sold 380 pizzas on Friday. $\frac{7}{10}$ of all the pizzas sold were pepperoni. $\frac{1}{3}$ of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?



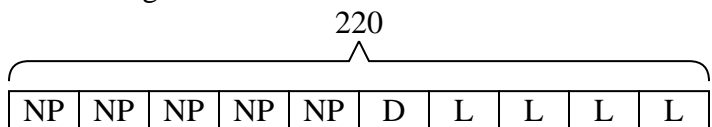
O = Other
P = Pepperoni
C = Cheese

- 4) At the school carnival $\frac{3}{10}$ of the money spent is spent on games. Of what is not spent on games, $\frac{2}{7}$ is spent on food. If \$900 are spent each day at the carnival, how much is not spent on games or food?



O = Other
G = Games
F = Food

- 5) A game store had 220 amiibo they were trying to sell. They sold $\frac{5}{10}$ at normal price. Then they sold $\frac{1}{5}$ 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

Answers

1. 178
2. 80
3. 76
4. 450
5. 88