



Solve each problem using a tape diagram.

Answers

- 1) A pizzeria owner sold 180 pizzas on Friday. $\frac{4}{6}$ 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) At Nancy's Ice Cream Emporium they sold 120 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?

- 3) On Emily's phone $\frac{1}{5}$ of the pictures were selfies. Of the other pictures on her phone $\frac{1}{4}$ were of her cat. If she has 110 pictures on her phone, how many are not of her cat or selfies?

- 4) Sarah went shopping on Black Friday. She spent \$455 total. $\frac{4}{7}$ of what she spent was at Best Buy. She spent $\frac{2}{3}$ of what was left at Kohls and the rest she spent at Target. How much did she spend at Target?

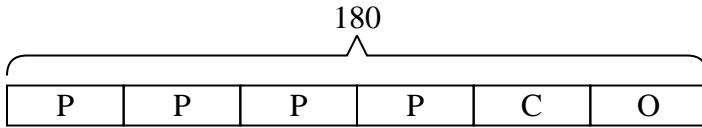
- 5) At the school carnival $\frac{5}{7}$ of the money spent is spent on games. Of what is not spent on games, $\frac{1}{2}$ is spent on food. If \$98 are spent each day at the carnival, how much is not spent on games or food?

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



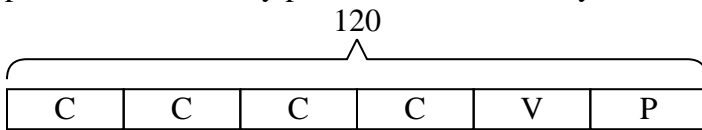
Solve each problem using a tape diagram.

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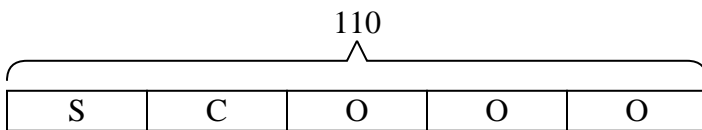
O = Other
P = Pepperoni
C = Cheese

- 2) At Nancy's Ice Cream Emporium they sold 120 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?



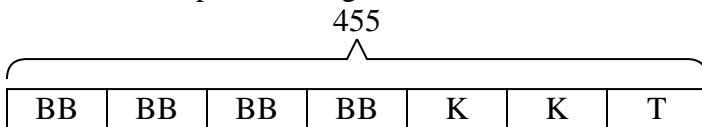
P = Pistachio
C = Chocolate
V = Vanilla

- 3) On Emily's phone $\frac{1}{5}$ of the pictures were selfies. Of the other pictures on her phone $\frac{1}{4}$ were of her cat. If she has 110 pictures on her phone, how many are not of her cat or selfies?



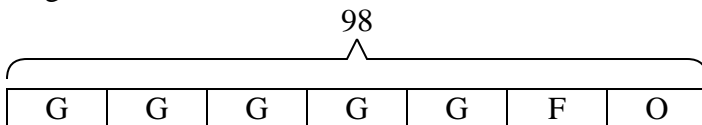
O = Other
S = Selfies
C = Cat

- 4) Sarah went shopping on Black Friday. She spent \$455 total. $\frac{4}{7}$ of what she spent was at Best Buy. She spent $\frac{2}{3}$ 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) At the school carnival $\frac{5}{7}$ of the money spent is spent on games. Of what is not spent on games, $\frac{1}{2}$ is spent on food. If \$98 are spent each day at the carnival, how much is not spent on games or food?



O = Other
G = Games
F = Food

Answers

1. 30
2. 20
3. 66
4. 65
5. 14