



Solve each problem using a tape diagram.

- 1) Gwen went shopping on Black Friday. She spent \$666 total. $\frac{6}{9}$ of what she spent was at Best Buy. She spent $\frac{1}{3}$ of what was left at Kohls and the rest she spent at Target. How much did she spend at Target?

- 2) On John's phone he has 160 songs. $\frac{1}{10}$ of the songs are alternative. $\frac{2}{9}$ of the rest of the songs were rock. How many songs are on his phone that aren't rock or alternative?

- 3) At the school carnival $\frac{5}{8}$ of the money spent is spent on games. Of what is not spent on games, $\frac{2}{3}$ is spent on food. If \$432 are spent each day at the carnival, how much is not spent on games or food?

- 4) A pizzeria owner sold 372 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?

- 5) On Lana's phone $\frac{5}{8}$ of the pictures were selfies. Of the other pictures on her phone $\frac{2}{3}$ were of her cat. If she has 376 pictures on her phone, how many are not of her cat or selfies?

Answers

1. _____

2. _____

3. _____

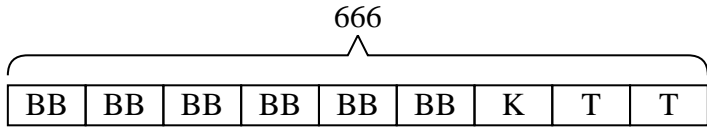
4. _____

5. _____



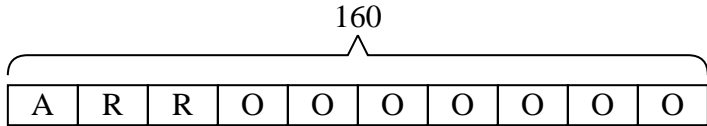
Solve each problem using a tape diagram.

- 1) Gwen went shopping on Black Friday. She spent \$666 total. $\frac{6}{9}$ of what she spent was at Best Buy. She spent $\frac{1}{3}$ of what was left at Kohls and the rest she spent at Target. How much did she spend at Target?



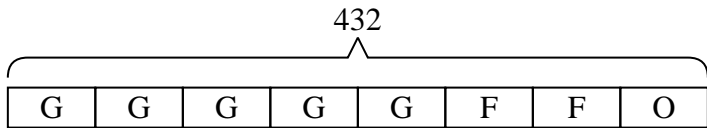
T = Target
BB = Best Buy
K = Kohls

- 2) On John's phone he has 160 songs. $\frac{1}{10}$ of the songs are alternative. $\frac{2}{9}$ of the rest of the songs were rock. How many songs are on his phone that aren't rock or alternative?



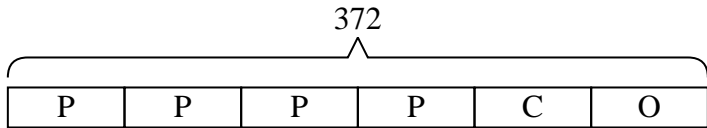
O = Other
A = Alternative
R = Rock

- 3) At the school carnival $\frac{5}{8}$ of the money spent is spent on games. Of what is not spent on games, $\frac{2}{3}$ is spent on food. If \$432 are spent each day at the carnival, how much is not spent on games or food?



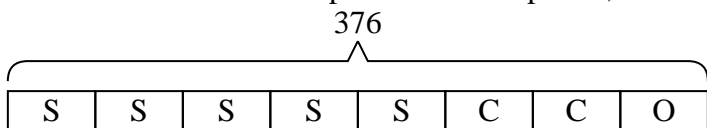
O = Other
G = Games
F = Food

- 4) A pizzeria owner sold 372 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?



O = Other
P = Pepperoni
C = Cheese

- 5) On Lana's phone $\frac{5}{8}$ of the pictures were selfies. Of the other pictures on her phone $\frac{2}{3}$ were of her cat. If she has 376 pictures on her phone, how many are not of her cat or selfies?



O = Other
S = Selfies
C = Cat

Answers

1. 148

2. 112

3. 54

4. 62

5. 47