



Solve each problem using a tape diagram.

- 1) Gwen went shopping on Black Friday. She spent \$264 total. $\frac{2}{6}$ of what she spent was at Best Buy. She spent $\frac{2}{4}$ 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 744 songs. $\frac{5}{8}$ 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 pizzeria owner sold 387 pizzas on Friday. $\frac{3}{9}$ of all the pizzas sold were pepperoni. $\frac{1}{6}$ of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?

- 4) At Rachel's Ice Cream Emporium they sold 354 ice cream cones in a day. $\frac{1}{6}$ of them sold were chocolate. $\frac{4}{5}$ of the ones that weren't chocolate were vanilla. And the remaining were pistachio. How many pistachio cones did they sell?

- 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 \$581 are spent each day at the carnival, how much is not spent on games or food?

Answers

1. _____

2. _____

3. _____

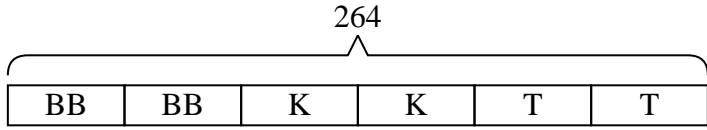
4. _____

5. _____



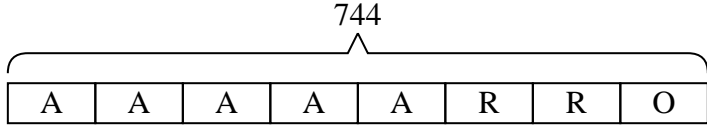
Solve each problem using a tape diagram.

- 1) Gwen went shopping on Black Friday. She spent \$264 total. $\frac{2}{6}$ of what she spent was at Best Buy. She spent $\frac{2}{4}$ of what was left at Kohls and the rest she spent at Target. How much did she spend at Target?



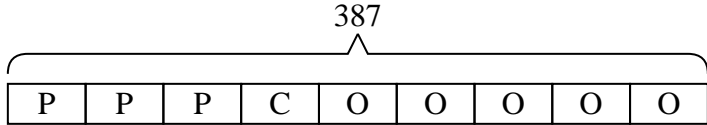
T = Target
BB = Best Buy
K = Kohls

- 2) On John's phone he has 744 songs. $\frac{5}{8}$ 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?



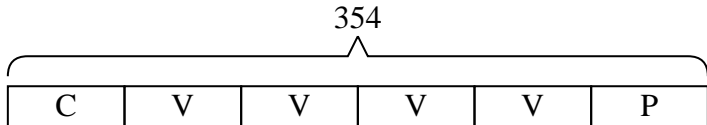
O = Other
A = Alternative
R = Rock

- 3) A pizzeria owner sold 387 pizzas on Friday. $\frac{3}{9}$ of all the pizzas sold were pepperoni. $\frac{1}{6}$ of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?



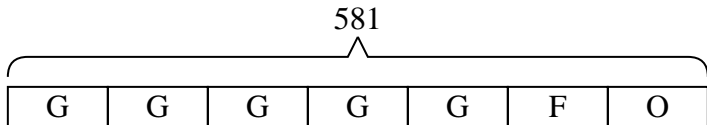
O = Other
P = Pepperoni
C = Cheese

- 4) At Rachel's Ice Cream Emporium they sold 354 ice cream cones in a day. $\frac{1}{6}$ of them sold were chocolate. $\frac{4}{5}$ 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

- 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 \$581 are spent each day at the carnival, how much is not spent on games or food?



O = Other
G = Games
F = Food

Answers

1. 88
2. 93
3. 215
4. 59
5. 83