



Solve each problem using a tape diagram.

Answers

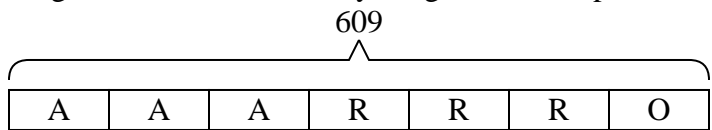
- 1) On Frank's phone he has 609 songs.  $\frac{3}{7}$  of the songs are alternative.  $\frac{3}{4}$  of the rest of the songs were rock. How many songs are on his phone that aren't rock or alternative?
  
  
  
  
  
  
  
  
  
  
- 2) A pizzeria owner sold 581 pizzas on Friday.  $\frac{1}{7}$  of all the pizzas sold were pepperoni.  $\frac{4}{6}$  of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?
  
  
  
  
  
  
  
  
  
  
- 3) Isabel went shopping on Black Friday. She spent \$552 total.  $\frac{1}{6}$  of what she spent was at Best Buy. She spent  $\frac{3}{5}$  of what was left at Kohls and the rest she spent at Target. How much did she spend at Target?
  
  
  
  
  
  
  
  
  
  
- 4) At Lana's Ice Cream Emporium they sold 144 ice cream cones in a day.  $\frac{3}{8}$  of them sold were chocolate.  $\frac{2}{5}$  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  $\frac{5}{9}$  of the money spent is spent on games. Of what is not spent on games,  $\frac{2}{4}$  is spent on food. If \$585 are spent each day at the carnival, how much is not spent on games or food?

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_



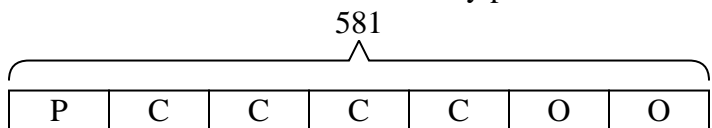
Solve each problem using a tape diagram.

- 1) On Frank's phone he has 609 songs.  $\frac{3}{7}$  of the songs are alternative.  $\frac{3}{4}$  of the rest of the songs were rock. How many songs are on his phone that aren't rock or alternative?



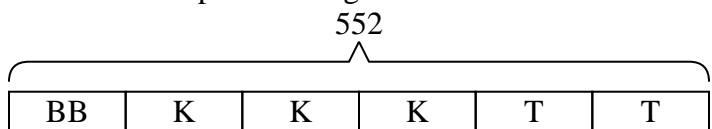
O = Other  
A = Alternative  
R = Rock

- 2) A pizzeria owner sold 581 pizzas on Friday.  $\frac{1}{7}$  of all the pizzas sold were pepperoni.  $\frac{4}{6}$  of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?



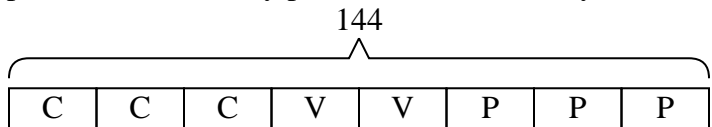
O = Other  
P = Pepperoni  
C = Cheese

- 3) Isabel went shopping on Black Friday. She spent \$552 total.  $\frac{1}{6}$  of what she spent was at Best Buy. She spent  $\frac{3}{5}$  of what was left at Kohls and the rest she spent at Target. How much did she spend at Target?



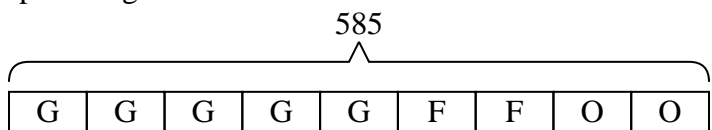
T = Target  
BB = Best Buy  
K = Kohls

- 4) At Lana's Ice Cream Emporium they sold 144 ice cream cones in a day.  $\frac{3}{8}$  of them sold were chocolate.  $\frac{2}{5}$  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  $\frac{5}{9}$  of the money spent is spent on games. Of what is not spent on games,  $\frac{2}{4}$  is spent on food. If \$585 are spent each day at the carnival, how much is not spent on games or food?



O = Other  
G = Games  
F = Food

Answers

1. **87**

2. **166**

3. **184**

4. **54**

5. **130**