

Solve each problem using a tape diagram.

On John'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?

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?

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Answers

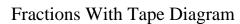
2.

3. _____

4. _____

5. ____

- Janet 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?
- 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?





Name: Answer Key

Answers

87

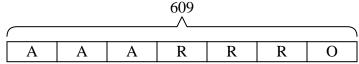
166

184

130

Solve each problem using a tape diagram.

On John'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?

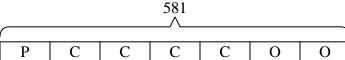


O = Other

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?

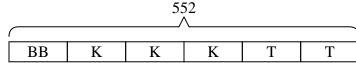


O = Other

P = Pepperoni

C = Cheese

3)	Janet 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

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?

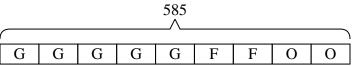
1	()			
	С	С	С	V	V	P	P	P				

P = Pistachio

C = Chocolate

V = Vanilla

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