



Solve each problem using a tape diagram.

Answers

- 1) At the school carnival $\frac{3}{6}$ of the money spent is spent on games. Of what is not spent on games, $\frac{1}{3}$ is spent on food. If \$438 are spent each day at the carnival, how much is not spent on games or food?
- 2) On Victor's phone he has 672 songs. $\frac{5}{8}$ of the songs are alternative. $\frac{1}{3}$ of the rest of the songs were rock. How many songs are on his phone that aren't rock or alternative?
- 3) Janet went shopping on Black Friday. She spent \$140 total. $\frac{3}{5}$ of what she spent was at Best Buy. She spent $\frac{1}{2}$ of what was left at Kohls and the rest she spent at Target. How much did she spend at Target?
- 4) On Debby's phone $\frac{3}{5}$ of the pictures were selfies. Of the other pictures on her phone $\frac{1}{2}$ were of her cat. If she has 305 pictures on her phone, how many are not of her cat or selfies?
- 5) A pizzeria owner sold 540 pizzas on Friday. $\frac{2}{9}$ of all the pizzas sold were pepperoni. $\frac{6}{7}$ of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?

1. _____

2. _____

3. _____

4. _____

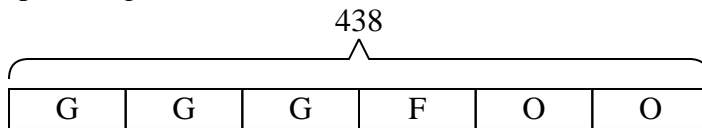
5. _____



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Answers

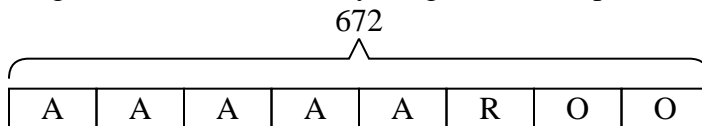
- 1) At the school carnival $\frac{3}{6}$ of the money spent is spent on games. Of what is not spent on games, $\frac{1}{3}$ is spent on food. If \$438 are spent each day at the carnival, how much is not spent on games or food?



O = Other
G = Games
F = Food

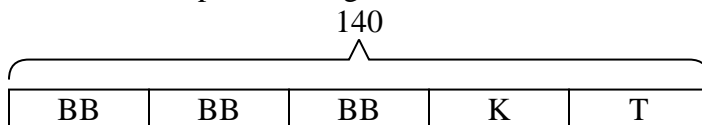
1. **146**2. **168**3. **28**4. **61**5. **60**

- 2) On Victor's phone he has 672 songs. $\frac{5}{8}$ of the songs are alternative. $\frac{1}{3}$ of the rest of the songs were rock. How many songs are on his phone that aren't rock or alternative?



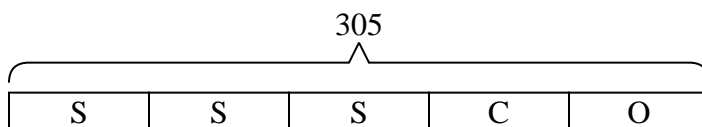
O = Other
A = Alternative
R = Rock

- 3) Janet went shopping on Black Friday. She spent \$140 total. $\frac{3}{5}$ of what she spent was at Best Buy. She spent $\frac{1}{2}$ of what was left at Kohls and the rest she spent at Target. How much did she spend at Target?



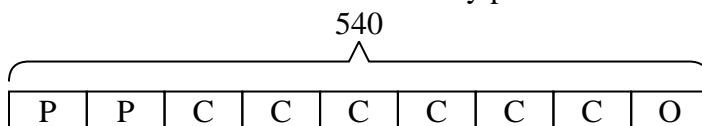
T = Target
BB = Best Buy
K = Kohls

- 4) On Debby's phone $\frac{3}{5}$ of the pictures were selfies. Of the other pictures on her phone $\frac{1}{2}$ were of her cat. If she has 305 pictures on her phone, how many are not of her cat or selfies?



O = Other
S = Selfies
C = Cat

- 5) A pizzeria owner sold 540 pizzas on Friday. $\frac{2}{9}$ of all the pizzas sold were pepperoni. $\frac{6}{7}$ of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?



O = Other
P = Pepperoni
C = Cheese