



Solve each problem using a tape diagram.

Answers

1) On Rachel's phone  $\frac{2}{10}$  of the pictures were selfies. Of the other pictures on her phone  $\frac{3}{8}$  were of her cat. If she has 190 pictures on her phone, how many are not of her cat or selfies?

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

2) At the school carnival  $\frac{6}{8}$  of the money spent is spent on games. Of what is not spent on games,  $\frac{1}{2}$  is spent on food. If \$424 are spent each day at the carnival, how much is not spent on games or food?

3) A store started with 581 sodas. They sold  $\frac{1}{7}$  of them over the next month and they had to throw out  $\frac{4}{6}$  of the ones that were left because they were expired. How many sodas did they have at the end?

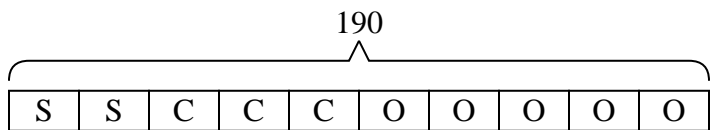
4) On Mike's phone he has 200 songs.  $\frac{2}{8}$  of the songs are alternative.  $\frac{2}{6}$  of the rest of the songs were rock. How many songs are on his phone that aren't rock or alternative?

5) Lana went shopping on Black Friday. She spent \$980 total.  $\frac{2}{10}$  of what she spent was at Best Buy. She spent  $\frac{6}{8}$  of what was left at Kohls and the rest she spent at Target. How much did she spend at Target?



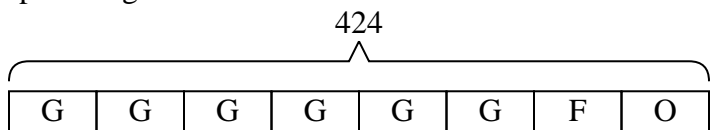
Solve each problem using a tape diagram.

- 1) On Rachel's phone  $\frac{2}{10}$  of the pictures were selfies. Of the other pictures on her phone  $\frac{3}{8}$  were of her cat. If she has 190 pictures on her phone, how many are not of her cat or selfies?



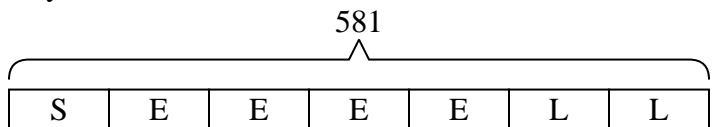
O = Other  
S = Selfies  
C = Cat

- 2) At the school carnival  $\frac{6}{8}$  of the money spent is spent on games. Of what is not spent on games,  $\frac{1}{2}$  is spent on food. If \$424 are spent each day at the carnival, how much is not spent on games or food?



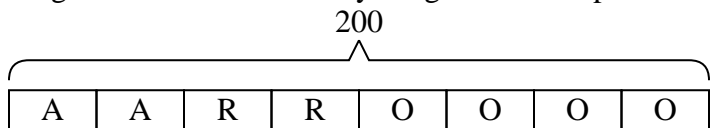
O = Other  
G = Games  
F = Food

- 3) A store started with 581 sodas. They sold  $\frac{1}{7}$  of them over the next month and they had to throw out  $\frac{4}{6}$  of the ones that were left because they were expired. How many sodas did they have at the end?



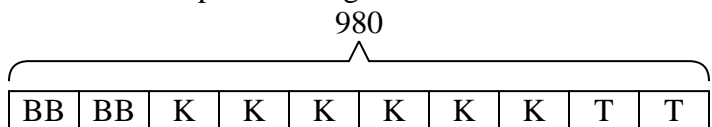
L = Left  
S = Sold  
E = Expired

- 4) On Mike's phone he has 200 songs.  $\frac{2}{8}$  of the songs are alternative.  $\frac{2}{6}$  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

- 5) Lana went shopping on Black Friday. She spent \$980 total.  $\frac{2}{10}$  of what she spent was at Best Buy. She spent  $\frac{6}{8}$  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

Answers

1. **95**

2. **53**

3. **166**

4. **100**

5. **196**