



Solve each problem using a tape diagram.

**Answers**

- 1) Faye went shopping on Black Friday. She spent \$468 total.  $\frac{3}{6}$  of what she spent was at Best Buy. She spent  $\frac{2}{3}$  of what was left at Kohls and the rest she spent at Target. How much did she spend at Target?
- 2) On Robin's phone  $\frac{2}{8}$  of the pictures were selfies. Of the other pictures on her phone  $\frac{1}{6}$  were of her cat. If she has 296 pictures on her phone, how many are not of her cat or selfies?
- 3) A game store had 576 amiibo they were trying to sell. They sold  $\frac{5}{8}$  at normal price. Then they sold  $\frac{1}{3}$  of the ones that were left at a discount. How many amiibo did they have left after selling the discount ones?
- 4) On Dave's phone he has 285 songs.  $\frac{1}{5}$  of the songs are alternative.  $\frac{2}{4}$  of the rest of the songs were rock. How many songs are on his phone that aren't rock or alternative?
- 5) At the school carnival  $\frac{5}{8}$  of the money spent is spent on games. Of what is not spent on games,  $\frac{2}{3}$  is spent on food. If \$560 are spent each day at the carnival, how much is not spent on games or food?

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

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

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

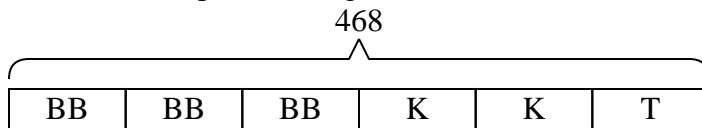
4. \_\_\_\_\_

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



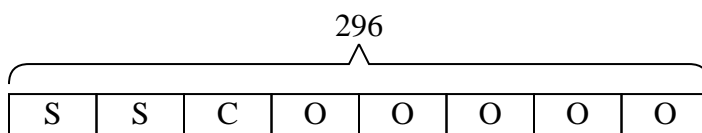
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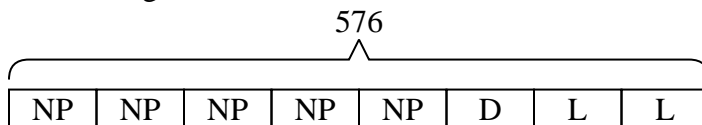
T = Target  
BB = Best Buy  
K = Kohls

- 2) On Robin's phone  $\frac{2}{8}$  of the pictures were selfies. Of the other pictures on her phone  $\frac{1}{6}$  were of her cat. If she has 296 pictures on her phone, how many are not of her cat or selfies?



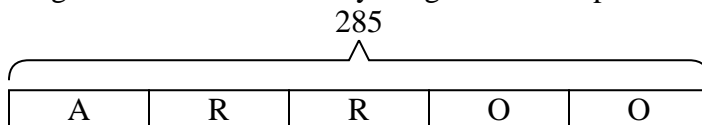
O = Other  
S = Selfies  
C = Cat

- 3) A game store had 576 amiibo they were trying to sell. They sold  $\frac{5}{8}$  at normal price. Then they sold  $\frac{1}{3}$  of the ones that were left at a discount. How many amiibo did they have left after selling the discount ones?



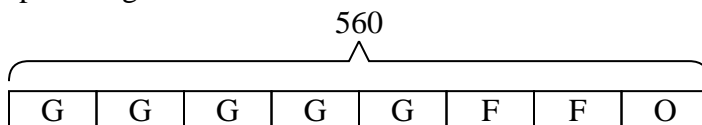
L = Left  
NP = normal  
D = Discount

- 4) On Dave's phone he has 285 songs.  $\frac{1}{5}$  of the songs are alternative.  $\frac{2}{4}$  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

- 5) At the school carnival  $\frac{5}{8}$  of the money spent is spent on games. Of what is not spent on games,  $\frac{2}{3}$  is spent on food. If \$560 are spent each day at the carnival, how much is not spent on games or food?



O = Other  
G = Games  
F = Food

**Answers**

1. **78**
2. **185**
3. **144**
4. **114**
5. **70**