



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?

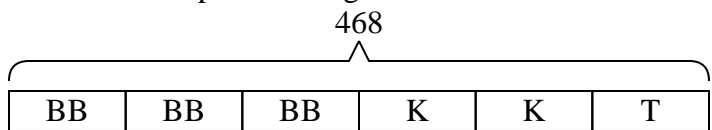
- 5) At the school carnival $\frac{5}{8}$ of the money spent is spent on games. Of what is not spent on games, $\frac{2}{3}$ is spent on food. If \$560 are spent each day at the carnival, how much is not spent on games or food?

1. _____
2. _____
3. _____
4. _____
5. _____



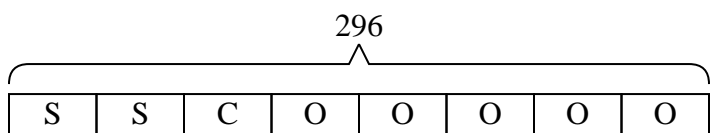
Solve each problem using a tape diagram.

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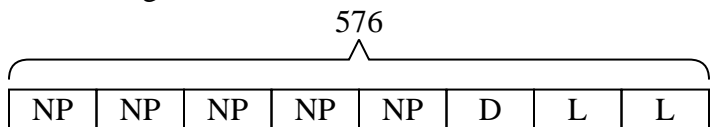
T = Target
BB = Best Buy
K = Kohls

- 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?



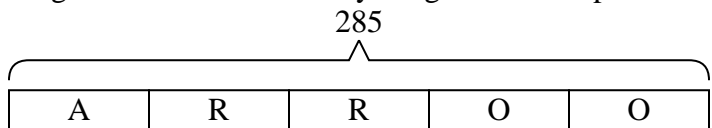
O = Other
S = Selfies
C = Cat

- 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?



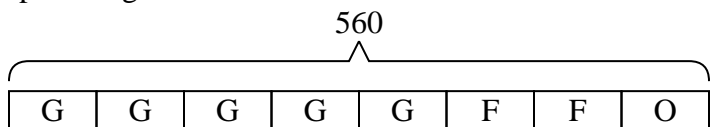
L = Left
NP = normal
D = Discount

- 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**