

**Solve each problem using a tape diagram.****Answers**

- 1) A game store had 300 amiibo they were trying to sell. They sold $\frac{1}{6}$ at normal price. Then they sold $\frac{2}{5}$ of the ones that were left at a discount. How many amiibo did they have left after selling the discount ones?
- 2) On Luke's phone he has 520 songs. $\frac{1}{8}$ of the songs are alternative. $\frac{4}{7}$ of the rest of the songs were rock. How many songs are on his phone that aren't rock or alternative?
- 3) A store started with 380 sodas. They sold $\frac{2}{10}$ of them over the next month and they had to throw out $\frac{4}{8}$ of the ones that were left because they were expired. How many sodas did they have at the end?
- 4) Rachel went shopping on Black Friday. She spent \$480 total. $\frac{4}{6}$ 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?
- 5) 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 250 pictures on her phone, how many are not of her cat or selfies?

1. _____

2. _____

3. _____

4. _____

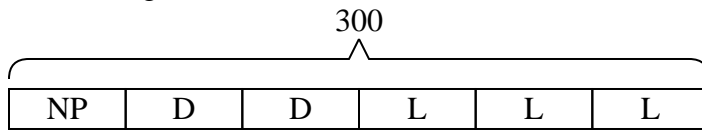
5. _____



Solve each problem using a tape diagram.

Answers

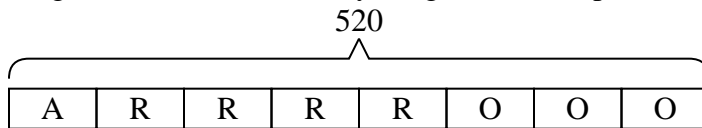
- 1) A game store had 300 amiibo they were trying to sell. They sold $\frac{1}{6}$ at normal price. Then they sold $\frac{2}{5}$ of the ones that were left at a discount. How many amiibo did they have left after selling the discount ones?



L = Left
NP = normal
D = Discount

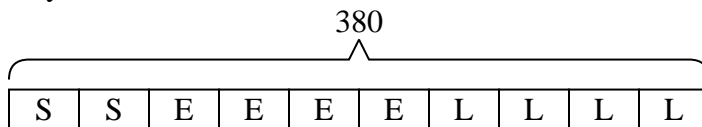
1. **150**2. **195**3. **152**4. **80**5. **50**

- 2) On Luke's phone he has 520 songs. $\frac{1}{8}$ of the songs are alternative. $\frac{4}{7}$ of the rest of the songs were rock. How many songs are on his phone that aren't rock or alternative?



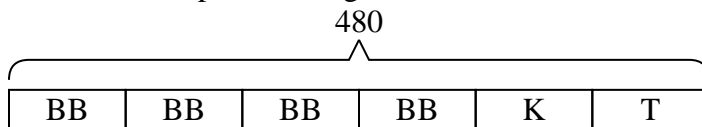
O = Other
A = Alternative
R = Rock

- 3) A store started with 380 sodas. They sold $\frac{2}{10}$ of them over the next month and they had to throw out $\frac{4}{8}$ of the ones that were left because they were expired. How many sodas did they have at the end?



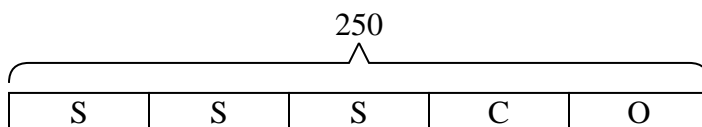
L = Left
S = Sold
E = Expired

- 4) Rachel went shopping on Black Friday. She spent \$480 total. $\frac{4}{6}$ 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

- 5) 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 250 pictures on her phone, how many are not of her cat or selfies?



O = Other
S = Selfies
C = Cat