



Solve each problem using a tape diagram.

- 1) On Kaleb's phone he has 264 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?

- 2) A game store had 370 amiibo they were trying to sell. They sold $\frac{3}{5}$ at normal price. Then they sold $\frac{1}{2}$ of the ones that were left at a discount. How many amiibo did they have left after selling the discount ones?

- 3) At the school carnival $\frac{2}{5}$ of the money spent is spent on games. Of what is not spent on games, $\frac{2}{3}$ is spent on food. If \$490 are spent each day at the carnival, how much is not spent on games or food?

- 4) Rachel went shopping on Black Friday. She spent \$342 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?

- 5) A store started with 304 sodas. They sold $\frac{2}{8}$ of them over the next month and they had to throw out $\frac{5}{6}$ of the ones that were left because they were expired. How many sodas did they have at the end?

Answers

1. _____

2. _____

3. _____

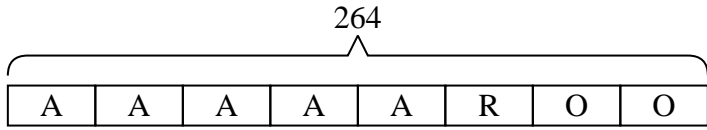
4. _____

5. _____



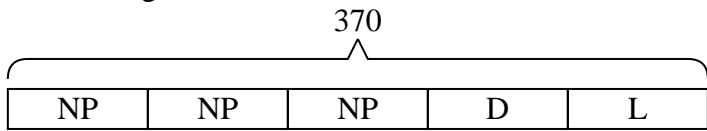
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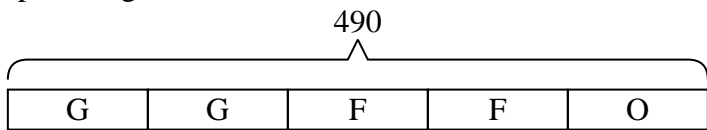
O = Other
A = Alternative
R = Rock

- 2) A game store had 370 amiibo they were trying to sell. They sold $\frac{3}{5}$ at normal price. Then they sold $\frac{1}{2}$ of the ones that were left at a discount. How many amiibo did they have left after selling the discount ones?



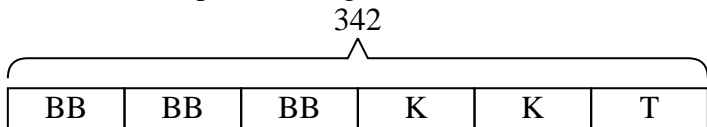
L = Left
NP = normal
D = Discount

- 3) At the school carnival $\frac{2}{5}$ of the money spent is spent on games. Of what is not spent on games, $\frac{2}{3}$ is spent on food. If \$490 are spent each day at the carnival, how much is not spent on games or food?



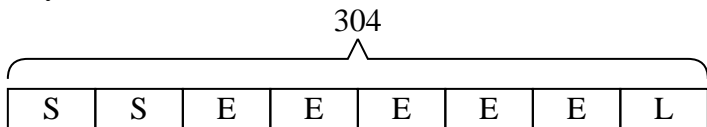
O = Other
G = Games
F = Food

- 4) Rachel went shopping on Black Friday. She spent \$342 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?



T = Target
BB = Best Buy
K = Kohls

- 5) A store started with 304 sodas. They sold $\frac{2}{8}$ of them over the next month and they had to throw out $\frac{5}{6}$ 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

Answers

1. 66

2. 74

3. 98

4. 57

5. 38