



Solve each problem using a tape diagram.

Answers

- 1) A pizzeria owner sold 336 pizzas on Friday. $\frac{5}{8}$ of all the pizzas sold were pepperoni. $\frac{2}{3}$ of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?
- 2) On Dave's phone he has 328 songs. $\frac{4}{8}$ 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?
- 3) Rachel went shopping on Black Friday. She spent \$318 total. $\frac{1}{6}$ of what she spent was at Best Buy. She spent $\frac{4}{5}$ of what was left at Kohls and the rest she spent at Target. How much did she spend at Target?
- 4) A game store had 215 amiibo they were trying to sell. They sold $\frac{2}{5}$ at normal price. Then they sold $\frac{2}{3}$ of the ones that were left at a discount. How many amiibo did they have left after selling the discount ones?
- 5) At Tiffany's Ice Cream Emporium they sold 369 ice cream cones in a day. $\frac{2}{9}$ of them sold were chocolate. $\frac{4}{7}$ of the ones that weren't chocolate were vanilla. And the remaining were pistachio. How many pistachio cones did they sell?

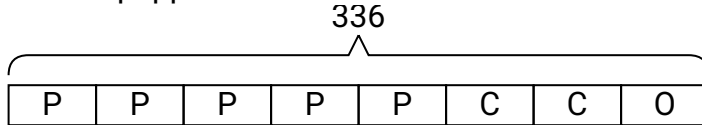
1. _____
2. _____
3. _____
4. _____
5. _____



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Answers

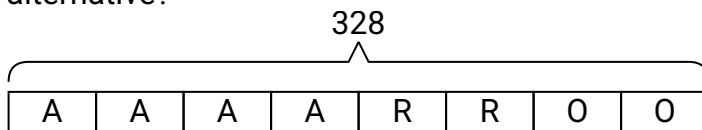
- 1) A pizzeria owner sold 336 pizzas on Friday. $\frac{5}{8}$ of all the pizzas sold were pepperoni. $\frac{2}{3}$ of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?



O = Other
P = Pepperoni
C = Cheese

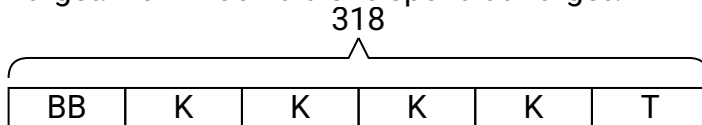
1. **42**2. **82**3. **53**4. **43**5. **123**

- 2) On Dave's phone he has 328 songs. $\frac{4}{8}$ 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?



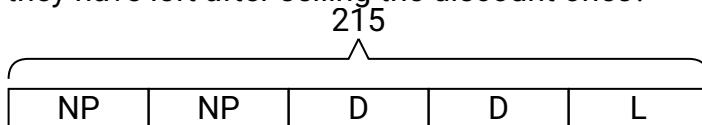
O = Other
A = Alternative
R = Rock

- 3) Rachel went shopping on Black Friday. She spent \$318 total. $\frac{1}{6}$ of what she spent was at Best Buy. She spent $\frac{4}{5}$ of what was left at Kohls and the rest she spent at Target. How much did she spend at Target?



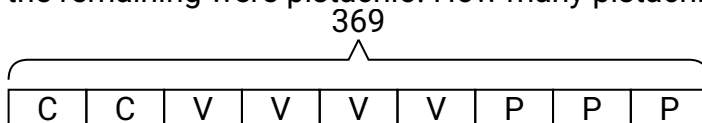
T = Target
BB = Best Buy
K = Kohls

- 4) A game store had 215 amiibo they were trying to sell. They sold $\frac{2}{5}$ at normal price. Then they sold $\frac{2}{3}$ 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

- 5) At Tiffany's Ice Cream Emporium they sold 369 ice cream cones in a day. $\frac{2}{9}$ of them sold were chocolate. $\frac{4}{7}$ of the ones that weren't chocolate were vanilla. And the remaining were pistachio. How many pistachio cones did they sell?



P = Pistachio
C = Chocolate
V = Vanilla