



## Fractions With Tape Diagram

Name: \_\_\_\_\_

Solve each problem using a tape diagram.

- 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?

## Answers

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_

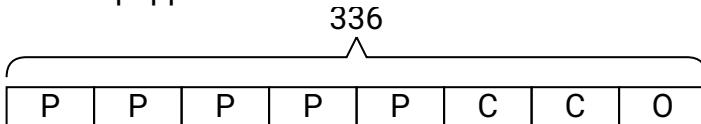


## Fractions With Tape Diagram

Name: **Answer Key**

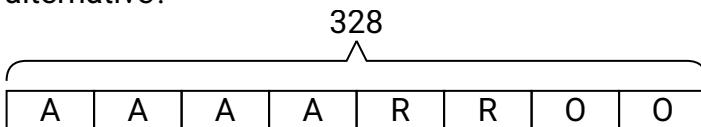
Solve each problem using a tape diagram.

- 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?



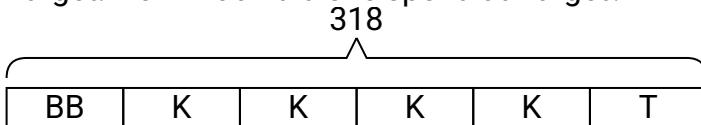
O = Other  
P = Pepperoni  
C = Cheese

- 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?



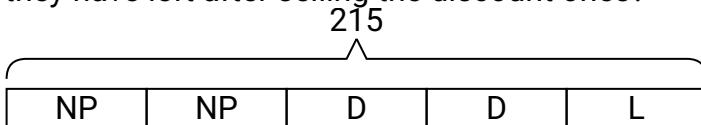
O = Other  
A = Alternative  
R = Rock

- 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?



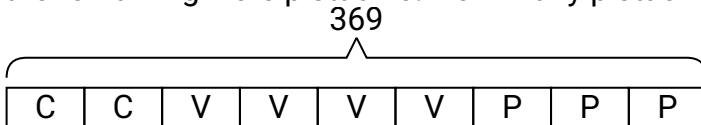
T = Target  
BB = Best Buy  
K = Kohls

- 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

**Answers**

1. **42**

2. **82**

3. **53**

4. **43**

5. **123**