



Fractions With Tape Diagram

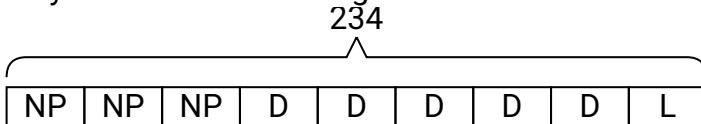
Name: _____

Solve each problem using a tape diagram.

Answers

1) A game store had 234 amiibo they were trying to sell. They sold $\frac{3}{9}$ at normal price.

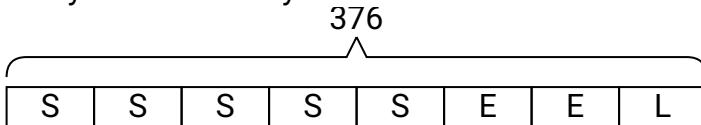
Then they sold $\frac{5}{6}$ of the ones that were left at a discount. How many amiibo did they have left after selling the discount ones?



L = Left
NP = normal
D = Discount

2) A store started with 376 sodas. They sold $\frac{5}{8}$ of them over the next month and they

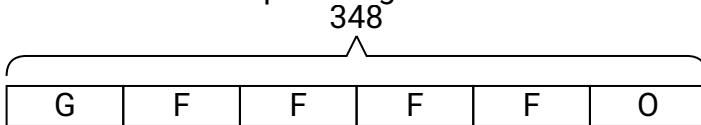
had to throw out $\frac{2}{3}$ of the ones that were left because they were expired. How many sodas did they have at the end?



L = Left
S = Sold
E = Expired

3) At the school carnival $\frac{1}{6}$ of the money spent is spent on games. Of what is not

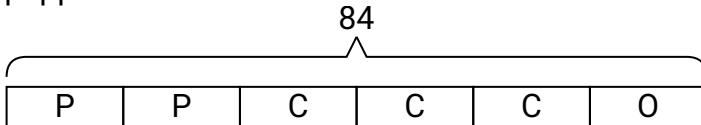
spent on games, $\frac{4}{5}$ is spent on food. If \$348 are spent each day at the carnival, how much is not spent on games or food?



O = Other
G = Games
F = Food

4) A pizzeria owner sold 84 pizzas on Friday. $\frac{2}{6}$ of all the pizzas sold were pepperoni.

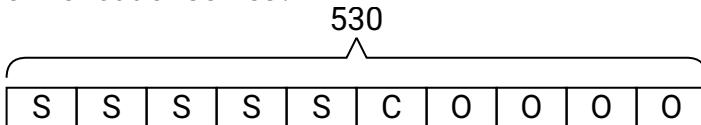
$\frac{3}{4}$ of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?



O = Other
P = Pepperoni
C = Cheese

5) On Amy's phone $\frac{5}{10}$ of the pictures were selfies. Of the other pictures on her

phone $\frac{1}{5}$ were of her cat. If she has 530 pictures on her phone, how many are not of her cat or selfies?



O = Other
S = Selfies
C = Cat

1. _____

2. _____

3. _____

4. _____

5. _____



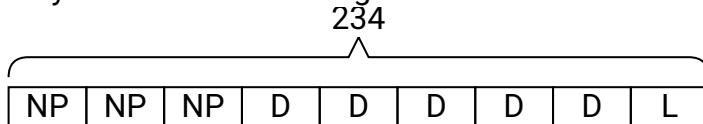
Fractions With Tape Diagram

Name: **Answer Key**

Solve each problem using a tape diagram.

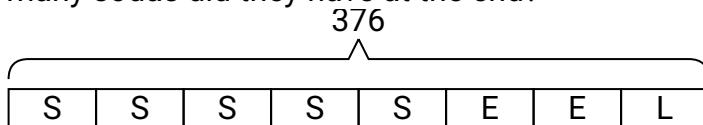
1) A game store had 234 amiibo they were trying to sell. They sold $\frac{3}{9}$ at normal price.

Then they sold $\frac{5}{6}$ of the ones that were left at a discount. How many amiibo did they have left after selling the discount ones?



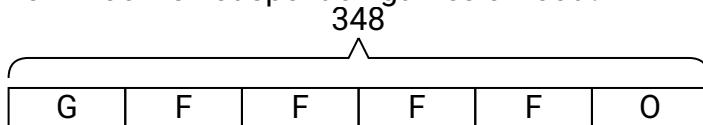
L = Left
NP = normal
D = Discount

2) A store started with 376 sodas. They sold $\frac{5}{8}$ of them over the next month and they had to throw out $\frac{2}{3}$ of the ones that were left because they were expired. How many sodas did they have at the end?



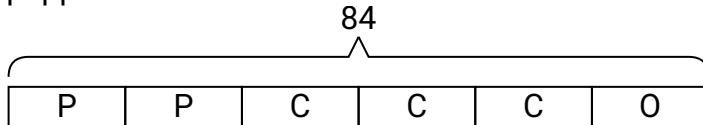
L = Left
S = Sold
E = Expired

3) At the school carnival $\frac{1}{6}$ of the money spent is spent on games. Of what is not spent on games, $\frac{4}{5}$ is spent on food. If \$348 are spent each day at the carnival, how much is not spent on games or food?



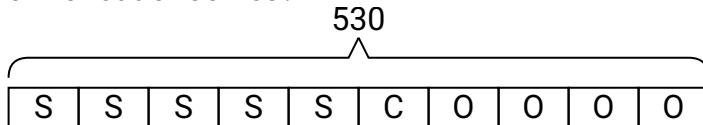
O = Other
G = Games
F = Food

4) A pizzeria owner sold 84 pizzas on Friday. $\frac{2}{6}$ of all the pizzas sold were pepperoni. $\frac{3}{4}$ of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?



O = Other
P = Pepperoni
C = Cheese

5) On Amy's phone $\frac{5}{10}$ of the pictures were selfies. Of the other pictures on her phone $\frac{1}{5}$ were of her cat. If she has 530 pictures on her phone, how many are not of her cat or selfies?



O = Other
S = Selfies
C = Cat

Answers

1. **26**

2. **47**

3. **58**

4. **14**

5. **212**