



Fractions With Tape Diagram

Name: _____

Solve each problem using a tape diagram.

Answers

1) A store started with 801 sodas. They sold $\frac{5}{9}$ of them over the next month and they had to throw out $\frac{2}{4}$ of the ones that were left because they were expired. How many sodas did they have at the end?

2) On Kaleb's phone he has 576 songs. $\frac{1}{9}$ of the songs are alternative. $\frac{6}{8}$ of the rest of the songs were rock. How many songs are on his phone that aren't rock or alternative?

3) Emily went shopping on Black Friday. She spent \$528 total. $\frac{2}{6}$ of what she spent was at Best Buy. She spent $\frac{3}{4}$ 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 460 amiibo they were trying to sell. They sold $\frac{1}{5}$ at normal price. Then they sold $\frac{1}{4}$ of the ones that were left at a discount. How many amiibo did they have left after selling the discount ones?

5) A pizzeria owner sold 468 pizzas on Friday. $\frac{3}{6}$ of all the pizzas sold were pepperoni. $\frac{1}{3}$ of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?

1. _____

2. _____

3. _____

4. _____

5. _____

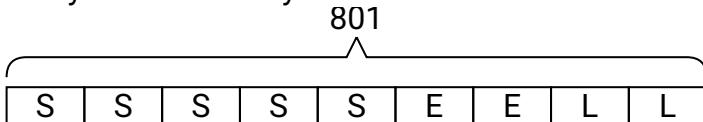


Fractions With Tape Diagram

Name: **Answer Key**

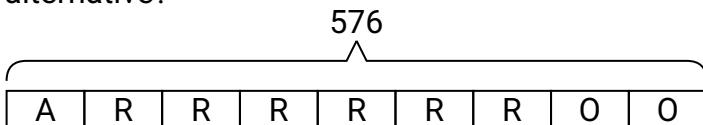
Solve each problem using a tape diagram.

1) A store started with 801 sodas. They sold $\frac{5}{9}$ of them over the next month and they had to throw out $\frac{2}{4}$ of the ones that were left because they were expired. How many sodas did they have at the end?



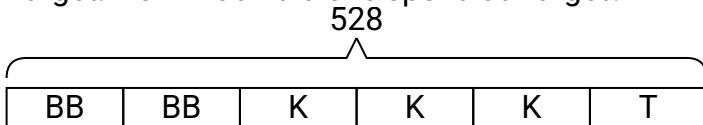
L = Left
S = Sold
E = Expired

2) On Kaleb's phone he has 576 songs. $\frac{1}{9}$ of the songs are alternative. $\frac{6}{8}$ of the rest of the songs were rock. How many songs are on his phone that aren't rock or alternative?



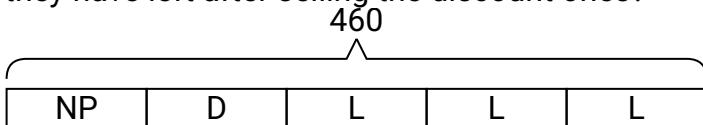
O = Other
A = Alternative
R = Rock

3) Emily went shopping on Black Friday. She spent \$528 total. $\frac{2}{6}$ of what she spent was at Best Buy. She spent $\frac{3}{4}$ of what was left at Kohls and the rest she spent at Target. How much did she spend at Target?



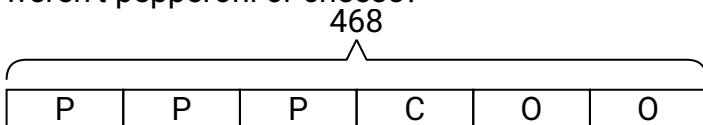
T = Target
BB = Best Buy
K = Kohls

4) A game store had 460 amiibo they were trying to sell. They sold $\frac{1}{5}$ at normal price. Then they sold $\frac{1}{4}$ 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) A pizzeria owner sold 468 pizzas on Friday. $\frac{3}{6}$ of all the pizzas sold were pepperoni. $\frac{1}{3}$ of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?



O = Other
P = Pepperoni
C = Cheese

Answers

1. **178**

2. **128**

3. **88**

4. **276**

5. **156**