Fractions With Tape Diagram

Name:

Solve each problem using a tape diagram.

1) On Amy's phone $^{1}/_{6}$ of the pictures were selfies. Of the other pictures on her phone $^{2}/_{5}$ were of her cat. If she has 564 pictures on her phone, how many are not of her cat or selfies?

2) A pizzeria owner sold 640 pizzas on Friday. $^{3}/_{10}$ of all the pizzas sold were pepperoni. $^{1}/_{7}$ of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?

3) At the school carnival $^{2}/_{7}$ of the money spent is spent on games. Of what is not spent on games, $^{2}/_{5}$ is spent on food. If $112 are spent each day at the carnival, how much is not spent on games or food?

4) A store started with 250 sodas. They sold $^{2}/_{5}$ of them over the next month and they had to throw out $^{1}/_{3}$ of the ones that were left because they were expired. How many sodas did they have at the end?

5) A game store had 364 amiibo they were trying to sell. They sold $^{3}/_{7}$ at normal price. Then they sold $^{1}/_{4}$ of the ones that were left at a discount. How many amiibo did they have left after selling the discount ones?

Answers

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

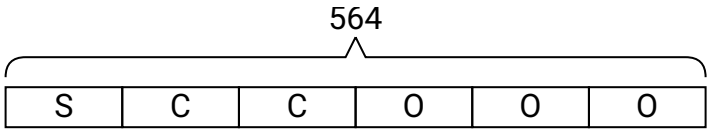
1-5	80	60	40	20	0

Fractions With Tape Diagram

Name: **Answer Key**

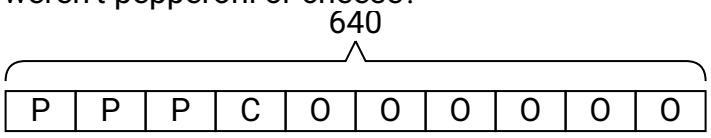
Solve each problem using a tape diagram.

1) On Amy's phone $^{1}/_{6}$ of the pictures were selfies. Of the other pictures on her phone $^{2}/_{5}$ were of her cat. If she has 564 pictures on her phone, how many are not of her cat or selfies?



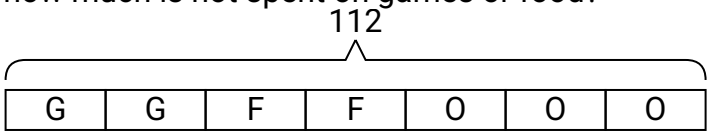
O = Other
S = Selfies
C = Cat

2) A pizzeria owner sold 640 pizzas on Friday. $^{3}/_{10}$ of all the pizzas sold were pepperoni. $^{1}/_{7}$ of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?



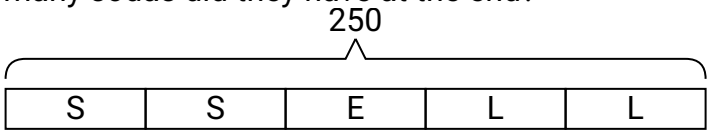
O = Other
P = Pepperoni
C = Cheese

3) At the school carnival $^{2}/_{7}$ of the money spent is spent on games. Of what is not spent on games, $^{2}/_{5}$ is spent on food. If $112 are spent each day at the carnival, how much is not spent on games or food?



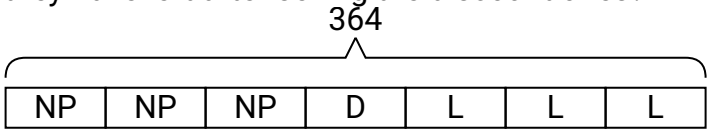
O = Other
G = Games
F = Food

4) A store started with 250 sodas. They sold $^{2}/_{5}$ of them over the next month and they had to throw out $^{1}/_{3}$ 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

5) A game store had 364 amiibo they were trying to sell. They sold $^{3}/_{7}$ at normal price. Then they sold $^{1}/_{4}$ 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

Answers

1. 282
2. 384
3. 48
4. 100
5. 156