Name:

Solve each problem using a tape diagram.

1) A pizzeria owner sold 324 pizzas on Friday. $\frac{6}{9}$ 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. _____

2) A store started with 546 sodas. They sold $\frac{2}{6}$ of them over the next month and they had to throw out $\frac{1}{4}$ of the ones that were left because they were expired. How many sodas did they have at the end?

5. _____

3) At the school carnival $\frac{1}{9}$ of the money spent is spent on games. Of what is not spent on games, $\frac{4}{8}$ is spent on food. If $90 are spent each day at the carnival, how much is not spent on games or food?
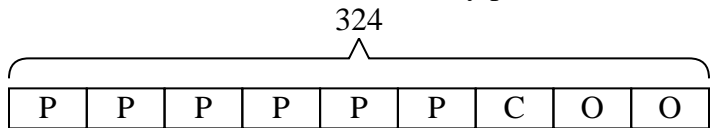
4) Gwen went shopping on Black Friday. She spent $224 total. $\frac{4}{8}$ of what she spent was at Best Buy. She spent $\frac{2}{4}$ of what was left at Kohls and the rest she spent at Target. How much did she spend at Target?

5) On Paige's phone $\frac{5}{7}$ of the pictures were selfies. Of the other pictures on her phone $\frac{1}{2}$ were of her cat. If she has 392 pictures on her phone, how many are not of her cat or selfies?
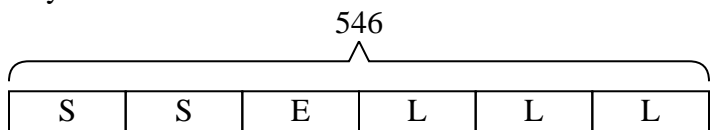
Math

1-5 | 80 | 60 | 40 | 20 | 0

Solve each problem using a tape diagram.

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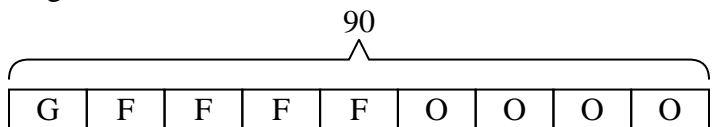
324

P	P	P	P	P	P	C	O	O

O = Other
P = Pepperoni
C = Cheese

1. _____ **72**

2. _____ **273**

3. _____ **40**

4. _____ **56**

5. _____ **56**

2) A store started with 546 sodas. They sold $\frac{2}{6}$ of them over the next month and they had to throw out $\frac{1}{4}$ of the ones that were left because they were expired. How many sodas did they have at the end?
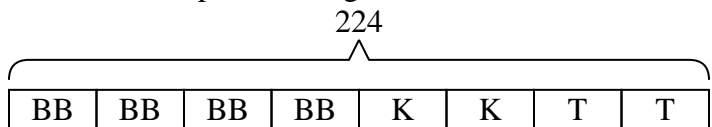
546

S	S	E	L	L	L

L = Left
S = Sold
E = Expired

3) At the school carnival $\frac{1}{9}$ of the money spent is spent on games. Of what is not spent on games, $\frac{4}{8}$ is spent on food. If $90 are spent each day at the carnival, how much is not spent on games or food?
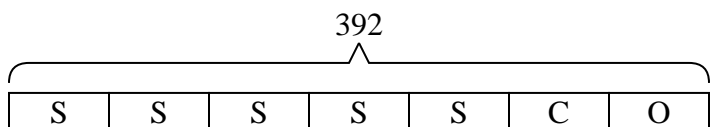
90

G	F	F	F	F	O	O	O	O

O = Other
G = Games
F = Food

4) Gwen went shopping on Black Friday. She spent $224 total. $\frac{4}{8}$ of what she spent was at Best Buy. She spent $\frac{2}{4}$ of what was left at Kohls and the rest she spent at Target. How much did she spend at Target?

224

BB	BB	BB	BB	K	K	T	T

T = Target
BB = Best Buy
K = Kohls

5) On Paige's phone $\frac{5}{7}$ of the pictures were selfies. Of the other pictures on her phone $\frac{1}{2}$ were of her cat. If she has 392 pictures on her phone, how many are not of her cat or selfies?

392

S	S	S	S	S	C	O

O = Other
S = Selfies
C = Cat

Math

1-5 | 80 | 60 | 40 | 20 | 0 |