Fractions With Tape Diagram   Name: _____

Solve each problem using a tape diagram.

Answers

1) On Debby's phone $\frac{6}{9}$ of the pictures were selfies. Of the other pictures on her phone $\frac{2}{3}$ were of her cat. If she has 495 pictures on her phone, how many are not of her cat or selfies?

1. _____

2. _____

3. _____

4. _____

2) A pizzeria owner sold 455 pizzas on Friday. $\frac{5}{7}$ of all the pizzas sold were pepperoni. $\frac{1}{2}$ of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?

5. _____

3) Gwen went shopping on Black Friday. She spent $342 total. $\frac{4}{6}$ of what she spent was at Best Buy. She spent $\frac{1}{2}$ 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 544 amiibo they were trying to sell. They sold $\frac{4}{8}$ 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 store started with 518 sodas. They sold $\frac{2}{7}$ of them over the next month and they had to throw out $\frac{3}{5}$ of the ones that were left because they were expired. How many sodas did they have at the end?
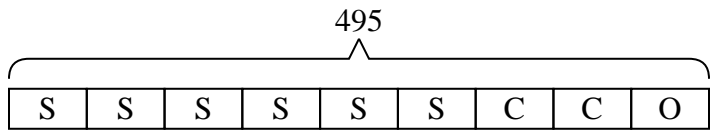
Math   www.CommonCoreSheets.com

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

Solve each problem using a tape diagram.

1) On Debby's phone $^6/_9$ of the pictures were selfies. Of the other pictures on her phone $^2/_3$ were of her cat. If she has 495 pictures on her phone, how many are not of her cat or selfies?

495

S	S	S	S	S	S	C	C	O

O = Other
S = Selfies
C = Cat

1. ___**55**___

2. ___**65**___

3. ___**57**___

4. ___**204**___

5. ___**148**___

2) A pizzeria owner sold 455 pizzas on Friday. $^5/_7$ of all the pizzas sold were pepperoni. $^1/_2$ of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?

455

P	P	P	P	P	C	O
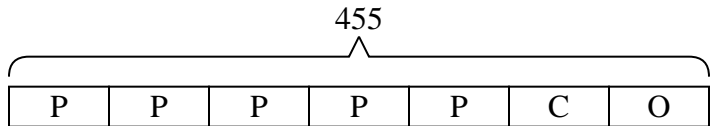
O = Other
P = Pepperoni
C = Cheese

3) Gwen went shopping on Black Friday. She spent $342 total. $^4/_6$ of what she spent was at Best Buy. She spent $^1/_2$ of what was left at Kohls and the rest she spent at Target. How much did she spend at Target?
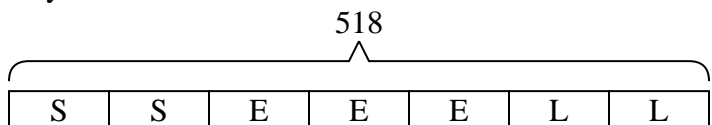
342

BB	BB	BB	BB	K	T
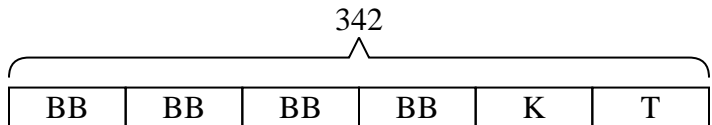
T = Target
BB = Best Buy
K = Kohls

4) A game store had 544 amiibo they were trying to sell. They sold $^4/_8$ 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?

544

NP	NP	NP	NP	D	L	L	L
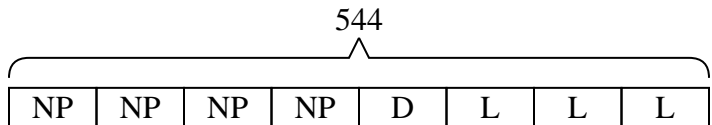
L = Left
NP = normal
D = Discount

5) A store started with 518 sodas. They sold $^2/_7$ of them over the next month and they had to throw out $^3/_5$ of the ones that were left because they were expired. How many sodas did they have at the end?

518

S	S	E	E	E	L	L

L = Left
S = Sold
E = Expired