Name:

Solve each problem using a tape diagram.

1) At Vanessa's Ice Cream Emporium they sold 217 ice cream cones in a day. $\frac{2}{7}$ of them sold were chocolate. $\frac{2}{5}$ of the ones that weren't chocolate were vanilla. And the remaining were pistachio. How many pistachio cones did they sell?

1. _____

2. _____

3. _____

4. _____

2) A game store had 306 amiibo they were trying to sell. They sold $\frac{4}{6}$ at normal price. Then they sold $\frac{1}{2}$ of the ones that were left at a discount. How many amiibo did they have left after selling the discount ones?

5. _____

3) A store started with 790 sodas. They sold $\frac{8}{10}$ of them over the next month and they had to throw out $\frac{1}{2}$ of the ones that were left because they were expired. How many sodas did they have at the end?
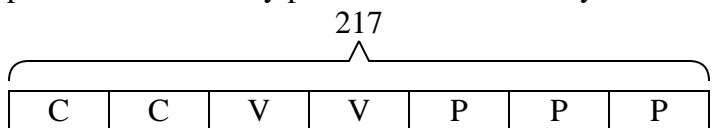
4) Amy went shopping on Black Friday. She spent $368 total. $\frac{6}{8}$ of what she spent was at Best Buy. She spent $\frac{1}{2}$ of what was left at Kohls and the rest she spent at Target. How much did she spend at Target?

5) A pizzeria owner sold 136 pizzas on Friday. $\frac{5}{8}$ 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?
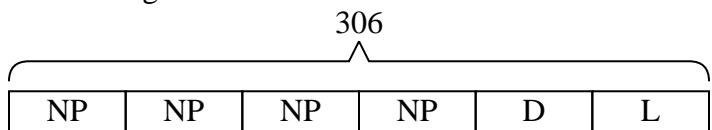
Solve each problem using a tape diagram.

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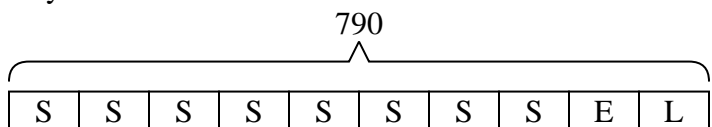
217

C	C	V	V	P	P	P

P = Pistachio
C = Chocolate
V = Vanilla

2) A game store had 306 amiibo they were trying to sell. They sold $\frac{4}{6}$ at normal price. Then they sold $\frac{1}{2}$ of the ones that were left at a discount. How many amiibo did they have left after selling the discount ones?
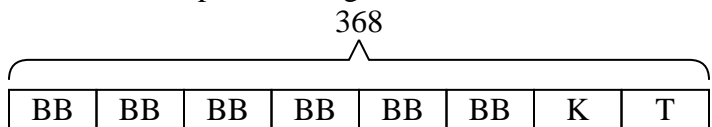
306

NP	NP	NP	NP	D	L

L = Left
NP = normal
D = Discount

3) A store started with 790 sodas. They sold $\frac{8}{10}$ of them over the next month and they had to throw out $\frac{1}{2}$ of the ones that were left because they were expired. How many sodas did they have at the end?
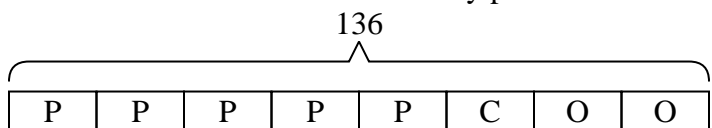
790

S	S	S	S	S	S	S	S	E	L

L = Left
S = Sold
E = Expired

4) Amy went shopping on Black Friday. She spent $368 total. $\frac{6}{8}$ 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?

368

BB	BB	BB	BB	BB	BB	K	T

T = Target
BB = Best Buy
K = Kohls

5) A pizzeria owner sold 136 pizzas on Friday. $\frac{5}{8}$ 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?

136

P	P	P	P	P	C	O	O

O = Other
P = Pepperoni
C = Cheese