Fractions With Tape Diagram

Name:

Solve each problem using a tape diagram.

Answers

1) At Tiffany's Ice Cream Emporium they sold 95 ice cream cones in a day. $\frac{1}{5}$ of them sold were chocolate. $\frac{2}{4}$ of the ones that weren't chocolate were vanilla. And the remaining were pistachio. How many pistachio cones did they sell?

2) A store started with 580 sodas. They sold $\frac{4}{10}$ of them over the next month and they had to throw out $\frac{2}{6}$ of the ones that were left because they were expired. How many sodas did they have at the end?

3) At the school carnival $\frac{4}{8}$ of the money spent is spent on games. Of what is not spent on games, $\frac{3}{4}$ is spent on food. If $480 are spent each day at the carnival, how much is not spent on games or food?
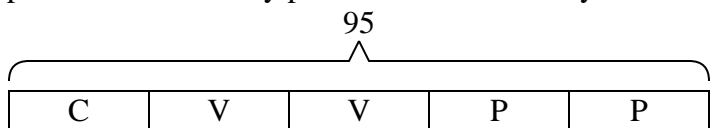
4) On Paige's phone $\frac{7}{9}$ of the pictures were selfies. Of the other pictures on her phone $\frac{1}{2}$ were of her cat. If she has 666 pictures on her phone, how many are not of her cat or selfies?

5) A game store had 910 amiibo they were trying to sell. They sold $\frac{3}{10}$ at normal price. Then they sold $\frac{3}{7}$ of the ones that were left at a discount. How many amiibo did they have left after selling the discount ones?

1. _____

2. _____

3. _____

4. _____

5. _____

Math

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

Solve each problem using a tape diagram.

1) At Tiffany's Ice Cream Emporium they sold 95 ice cream cones in a day. $\frac{1}{5}$ of them sold were chocolate. $\frac{2}{4}$ of the ones that weren't chocolate were vanilla. And the remaining were pistachio. How many pistachio cones did they sell?

95

C	V	V	P	P

P = Pistachio
C = Chocolate
V = Vanilla

1. _____ **38**

2. _____ **232**

3. _____ **60**

4. _____ **74**

5. _____ **364**

2) A store started with 580 sodas. They sold $\frac{4}{10}$ of them over the next month and they had to throw out $\frac{2}{6}$ of the ones that were left because they were expired. How many sodas did they have at the end?

580

S	S	S	S	E	E	L	L	L	L
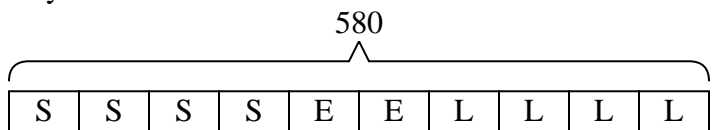
L = Left
S = Sold
E = Expired

3) At the school carnival $\frac{4}{8}$ of the money spent is spent on games. Of what is not spent on games, $\frac{3}{4}$ is spent on food. If \$480 are spent each day at the carnival, how much is not spent on games or food?

480

G	G	G	G	F	F	F	O
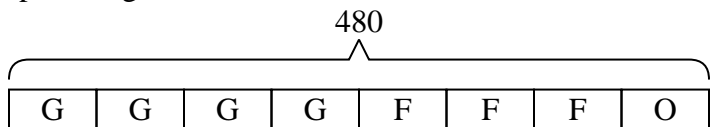
O = Other
G = Games
F = Food

4) On Paige's phone $\frac{7}{9}$ of the pictures were selfies. Of the other pictures on her phone $\frac{1}{2}$ were of her cat. If she has 666 pictures on her phone, how many are not of her cat or selfies?

666

S	S	S	S	S	S	S	C	O
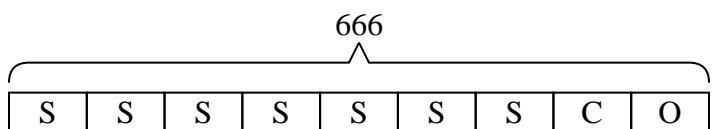
O = Other
S = Selfies
C = Cat

5) A game store had 910 amiibo they were trying to sell. They sold $\frac{3}{10}$ at normal price. Then they sold $\frac{3}{7}$ of the ones that were left at a discount. How many amiibo did they have left after selling the discount ones?

910

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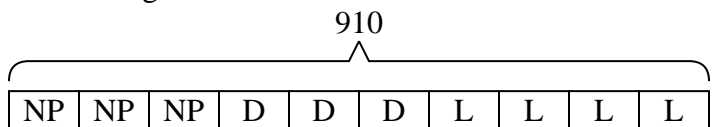
L = Left
NP = normal
D = Discount

Math

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