



Solve each problem using a tape diagram.

**Answers**

- 1) Faye went shopping on Black Friday. She spent \$468 total.  $\frac{3}{6}$  of what she spent was at Best Buy. She spent  $\frac{2}{3}$  of what was left at Kohls and the rest she spent at Target. How much did she spend at Target?
- 2) On Robin's phone  $\frac{2}{8}$  of the pictures were selfies. Of the other pictures on her phone  $\frac{1}{6}$  were of her cat. If she has 296 pictures on her phone, how many are not of her cat or selfies?
- 3) A game store had 576 amiibo they were trying to sell. They sold  $\frac{5}{8}$  at normal price. Then they sold  $\frac{1}{3}$  of the ones that were left at a discount. How many amiibo did they have left after selling the discount ones?
- 4) On Dave's phone he has 285 songs.  $\frac{1}{5}$  of the songs are alternative.  $\frac{2}{4}$  of the rest of the songs were rock. How many songs are on his phone that aren't rock or alternative?
- 5) At the school carnival  $\frac{5}{8}$  of the money spent is spent on games. Of what is not spent on games,  $\frac{2}{3}$  is spent on food. If \$560 are spent each day at the carnival, how much is not spent on games or food?

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

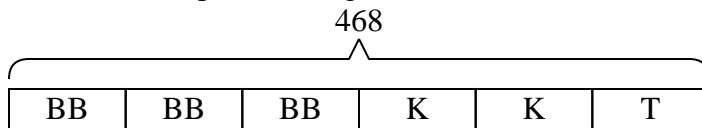
4. \_\_\_\_\_

5. \_\_\_\_\_



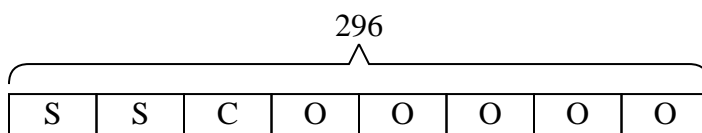
Solve each problem using a tape diagram.

- 1) Faye went shopping on Black Friday. She spent \$468 total.  $\frac{3}{6}$  of what she spent was at Best Buy. She spent  $\frac{2}{3}$  of what was left at Kohls and the rest she spent at Target. How much did she spend at Target?



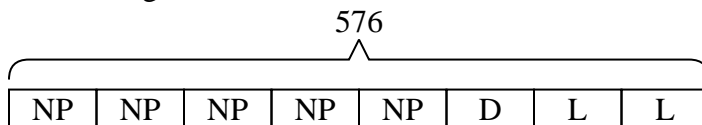
T = Target  
BB = Best Buy  
K = Kohls

- 2) On Robin's phone  $\frac{2}{8}$  of the pictures were selfies. Of the other pictures on her phone  $\frac{1}{6}$  were of her cat. If she has 296 pictures on her phone, how many are not of her cat or selfies?



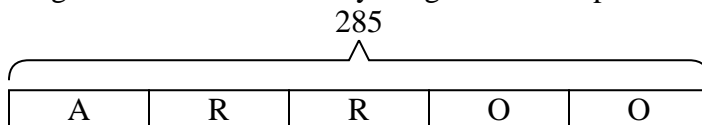
O = Other  
S = Selfies  
C = Cat

- 3) A game store had 576 amiibo they were trying to sell. They sold  $\frac{5}{8}$  at normal price. Then they sold  $\frac{1}{3}$  of the ones that were left at a discount. How many amiibo did they have left after selling the discount ones?



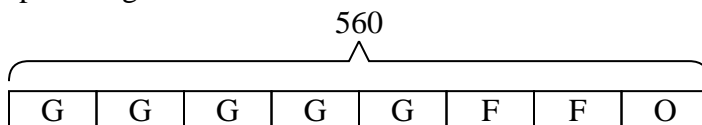
L = Left  
NP = normal  
D = Discount

- 4) On Dave's phone he has 285 songs.  $\frac{1}{5}$  of the songs are alternative.  $\frac{2}{4}$  of the rest of the songs were rock. How many songs are on his phone that aren't rock or alternative?



O = Other  
A = Alternative  
R = Rock

- 5) At the school carnival  $\frac{5}{8}$  of the money spent is spent on games. Of what is not spent on games,  $\frac{2}{3}$  is spent on food. If \$560 are spent each day at the carnival, how much is not spent on games or food?



O = Other  
G = Games  
F = Food

**Answers**

1. **78**
2. **185**
3. **144**
4. **114**
5. **70**



Solve each problem using a tape diagram.

**Answers**

- 1) A pizzeria owner sold 152 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?
- 2) On Carol's phone  $\frac{1}{5}$  of the pictures were selfies. Of the other pictures on her phone  $\frac{3}{4}$  were of her cat. If she has 465 pictures on her phone, how many are not of her cat or selfies?
- 3) At Maria's Ice Cream Emporium they sold 95 ice cream cones in a day.  $\frac{3}{5}$  of them sold were chocolate.  $\frac{1}{2}$  of the ones that weren't chocolate were vanilla. And the remaining were pistachio. How many pistachio cones did they sell?
- 4) A store started with 96 sodas. They sold  $\frac{3}{6}$  of them over the next month and they had to throw out  $\frac{1}{3}$  of the ones that were left because they were expired. How many sodas did they have at the end?
- 5) A game store had 135 amiibo they were trying to sell. They sold  $\frac{2}{5}$  at normal price. Then they sold  $\frac{1}{3}$  of the ones that were left at a discount. How many amiibo did they have left after selling the discount ones?

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

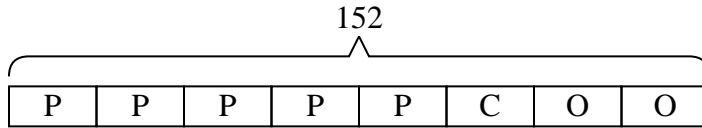
4. \_\_\_\_\_

5. \_\_\_\_\_



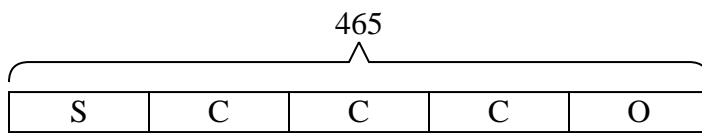
Solve each problem using a tape diagram.

- 1) A pizzeria owner sold 152 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?



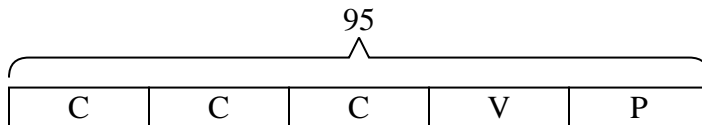
O = Other  
P = Pepperoni  
C = Cheese

- 2) On Carol's phone  $\frac{1}{5}$  of the pictures were selfies. Of the other pictures on her phone  $\frac{3}{4}$  were of her cat. If she has 465 pictures on her phone, how many are not of her cat or selfies?



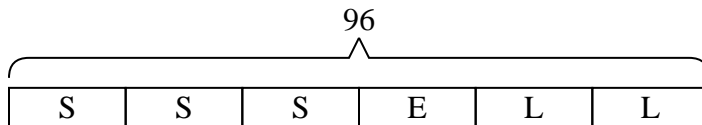
O = Other  
S = Selfies  
C = Cat

- 3) At Maria's Ice Cream Emporium they sold 95 ice cream cones in a day.  $\frac{3}{5}$  of them sold were chocolate.  $\frac{1}{2}$  of the ones that weren't chocolate were vanilla. And the remaining were pistachio. How many pistachio cones did they sell?



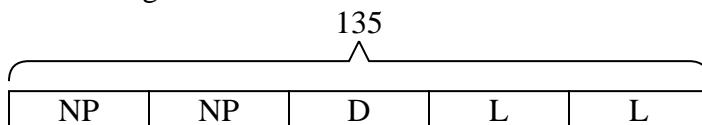
P = Pistachio  
C = Chocolate  
V = Vanilla

- 4) A store started with 96 sodas. They sold  $\frac{3}{6}$  of them over the next month and they had to throw out  $\frac{1}{3}$  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 135 amiibo they were trying to sell. They sold  $\frac{2}{5}$  at normal price. Then they sold  $\frac{1}{3}$  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. **38**  
2. **93**  
3. **19**  
4. **32**  
5. **54**



Solve each problem using a tape diagram.

**Answers**

- 1) On John's phone he has 609 songs.  $\frac{3}{7}$  of the songs are alternative.  $\frac{3}{4}$  of the rest of the songs were rock. How many songs are on his phone that aren't rock or alternative?
- 2) A pizzeria owner sold 581 pizzas on Friday.  $\frac{1}{7}$  of all the pizzas sold were pepperoni.  $\frac{4}{6}$  of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?
- 3) Janet went shopping on Black Friday. She spent \$552 total.  $\frac{1}{6}$  of what she spent was at Best Buy. She spent  $\frac{3}{5}$  of what was left at Kohls and the rest she spent at Target. How much did she spend at Target?
- 4) At Lana's Ice Cream Emporium they sold 144 ice cream cones in a day.  $\frac{3}{8}$  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?
- 5) At the school carnival  $\frac{5}{9}$  of the money spent is spent on games. Of what is not spent on games,  $\frac{2}{4}$  is spent on food. If \$585 are spent each day at the carnival, how much is not spent on games or food?

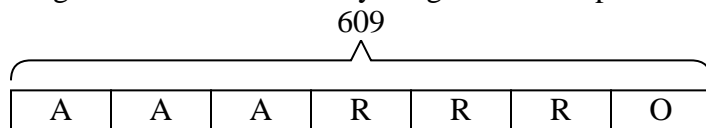
1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_



Solve each problem using a tape diagram.

**Answers**

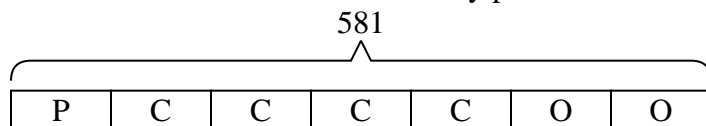
- 1) On John's phone he has 609 songs.  $\frac{3}{7}$  of the songs are alternative.  $\frac{3}{4}$  of the rest of the songs were rock. How many songs are on his phone that aren't rock or alternative?



O = Other  
A = Alternative  
R = Rock

1. **87**

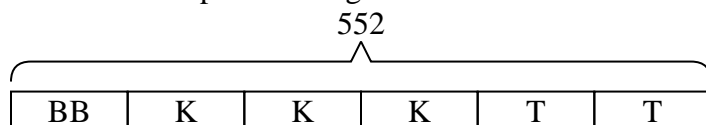
- 2) A pizzeria owner sold 581 pizzas on Friday.  $\frac{1}{7}$  of all the pizzas sold were pepperoni.  $\frac{4}{6}$  of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?



O = Other  
P = Pepperoni  
C = Cheese

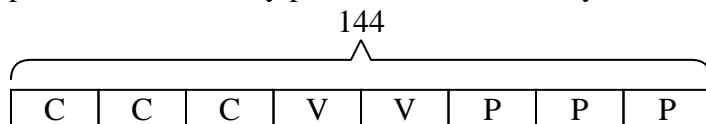
2. **166**3. **184**4. **54**5. **130**

- 3) Janet went shopping on Black Friday. She spent \$552 total.  $\frac{1}{6}$  of what she spent was at Best Buy. She spent  $\frac{3}{5}$  of what was left at Kohls and the rest she spent at Target. How much did she spend at Target?



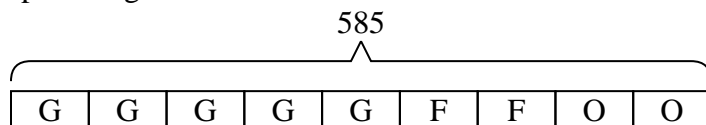
T = Target  
BB = Best Buy  
K = Kohls

- 4) At Lana's Ice Cream Emporium they sold 144 ice cream cones in a day.  $\frac{3}{8}$  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?



P = Pistachio  
C = Chocolate  
V = Vanilla

- 5) At the school carnival  $\frac{5}{9}$  of the money spent is spent on games. Of what is not spent on games,  $\frac{2}{4}$  is spent on food. If \$585 are spent each day at the carnival, how much is not spent on games or food?



O = Other  
G = Games  
F = Food



Solve each problem using a tape diagram.

**Answers**

- 1) At the school carnival  $\frac{3}{6}$  of the money spent is spent on games. Of what is not spent on games,  $\frac{1}{3}$  is spent on food. If \$438 are spent each day at the carnival, how much is not spent on games or food?
- 2) On Victor's phone he has 672 songs.  $\frac{5}{8}$  of the songs are alternative.  $\frac{1}{3}$  of the rest of the songs were rock. How many songs are on his phone that aren't rock or alternative?
- 3) Janet went shopping on Black Friday. She spent \$140 total.  $\frac{3}{5}$  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) On Debby's phone  $\frac{3}{5}$  of the pictures were selfies. Of the other pictures on her phone  $\frac{1}{2}$  were of her cat. If she has 305 pictures on her phone, how many are not of her cat or selfies?
- 5) A pizzeria owner sold 540 pizzas on Friday.  $\frac{2}{9}$  of all the pizzas sold were pepperoni.  $\frac{6}{7}$  of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

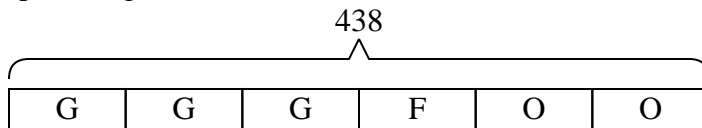
5. \_\_\_\_\_



Solve each problem using a tape diagram.

**Answers**

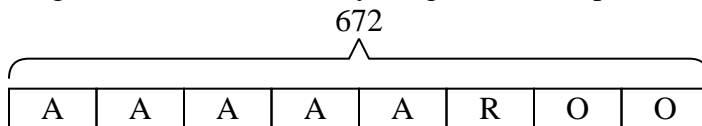
- 1) At the school carnival  $\frac{3}{6}$  of the money spent is spent on games. Of what is not spent on games,  $\frac{1}{3}$  is spent on food. If \$438 are spent each day at the carnival, how much is not spent on games or food?



O = Other  
G = Games  
F = Food

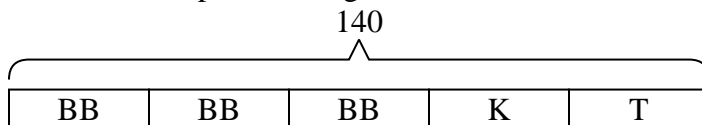
1. **146**2. **168**3. **28**4. **61**5. **60**

- 2) On Victor's phone he has 672 songs.  $\frac{5}{8}$  of the songs are alternative.  $\frac{1}{3}$  of the rest of the songs were rock. How many songs are on his phone that aren't rock or alternative?



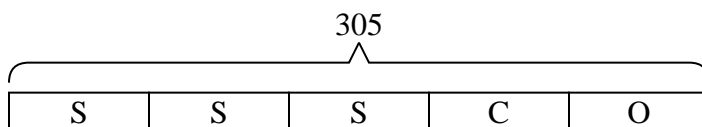
O = Other  
A = Alternative  
R = Rock

- 3) Janet went shopping on Black Friday. She spent \$140 total.  $\frac{3}{5}$  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?



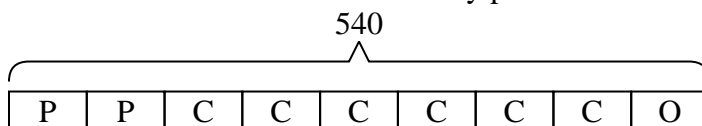
T = Target  
BB = Best Buy  
K = Kohls

- 4) On Debby's phone  $\frac{3}{5}$  of the pictures were selfies. Of the other pictures on her phone  $\frac{1}{2}$  were of her cat. If she has 305 pictures on her phone, how many are not of her cat or selfies?



O = Other  
S = Selfies  
C = Cat

- 5) A pizzeria owner sold 540 pizzas on Friday.  $\frac{2}{9}$  of all the pizzas sold were pepperoni.  $\frac{6}{7}$  of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?



O = Other  
P = Pepperoni  
C = Cheese



**Solve each problem using a tape diagram.****Answers**

- 1) At Amy's Ice Cream Emporium they sold 539 ice cream cones in a day.  $\frac{1}{7}$  of them sold were chocolate.  $\frac{1}{6}$  of the ones that weren't chocolate were vanilla. And the remaining were pistachio. How many pistachio cones did they sell?
- 2) A game store had 402 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?
- 3) Nancy went shopping on Black Friday. She spent \$180 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 store started with 155 sodas. They sold  $\frac{2}{5}$  of them over the next month and they had to throw out  $\frac{1}{3}$  of the ones that were left because they were expired. How many sodas did they have at the end?
- 5) On Tom's phone he has 270 songs.  $\frac{4}{9}$  of the songs are alternative.  $\frac{3}{5}$  of the rest of the songs were rock. How many songs are on his phone that aren't rock or alternative?

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

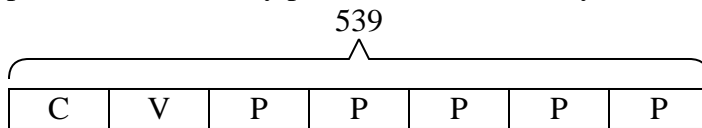
5. \_\_\_\_\_



Solve each problem using a tape diagram.

**Answers**

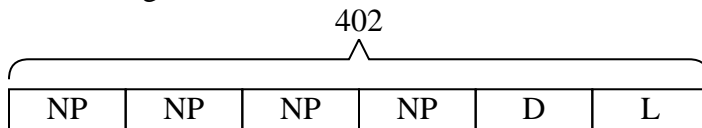
- 1) At Amy's Ice Cream Emporium they sold 539 ice cream cones in a day.  $\frac{1}{7}$  of them sold were chocolate.  $\frac{1}{6}$  of the ones that weren't chocolate were vanilla. And the remaining were pistachio. How many pistachio cones did they sell?



P = Pistachio  
C = Chocolate  
V = Vanilla

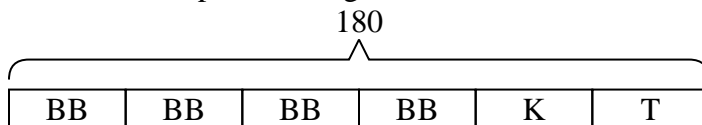
1. **385**2. **67**3. **30**4. **62**5. **60**

- 2) A game store had 402 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?



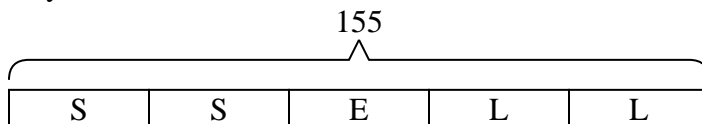
L = Left  
NP = normal  
D = Discount

- 3) Nancy went shopping on Black Friday. She spent \$180 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?



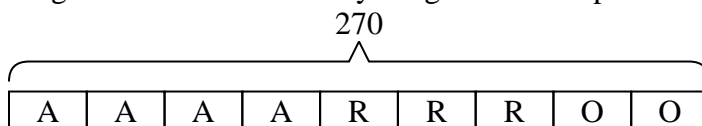
T = Target  
BB = Best Buy  
K = Kohls

- 4) A store started with 155 sodas. They sold  $\frac{2}{5}$  of them over the next month and they had to throw out  $\frac{1}{3}$  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) On Tom's phone he has 270 songs.  $\frac{4}{9}$  of the songs are alternative.  $\frac{3}{5}$  of the rest of the songs were rock. How many songs are on his phone that aren't rock or alternative?



O = Other  
A = Alternative  
R = Rock

**Solve each problem using a tape diagram.****Answers**

- 1) A pizzeria owner sold 248 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?
- 2) A store started with 154 sodas. They sold  $\frac{1}{7}$  of them over the next month and they had to throw out  $\frac{5}{6}$  of the ones that were left because they were expired. How many sodas did they have at the end?
- 3) Vanessa went shopping on Black Friday. She spent \$215 total.  $\frac{1}{5}$  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?
- 4) On George's phone he has 784 songs.  $\frac{3}{8}$  of the songs are alternative.  $\frac{4}{5}$  of the rest of the songs were rock. How many songs are on his phone that aren't rock or alternative?
- 5) A game store had 184 amiibo they were trying to sell. They sold  $\frac{5}{8}$  at normal price. Then they sold  $\frac{2}{3}$  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. \_\_\_\_\_

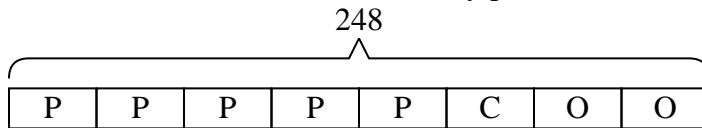
5. \_\_\_\_\_



Solve each problem using a tape diagram.

**Answers**

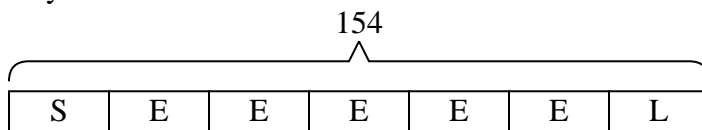
- 1) A pizzeria owner sold 248 pizzas on Friday.  $\frac{5}{8}$  of all the pizzas sold were pepperoni.  $\frac{1}{3}$  of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?



O = Other  
P = Pepperoni  
C = Cheese

1. **62**

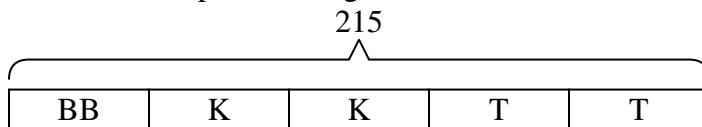
- 2) A store started with 154 sodas. They sold  $\frac{1}{7}$  of them over the next month and they had to throw out  $\frac{5}{6}$  of the ones that were left because they were expired. How many sodas did they have at the end?



L = Left  
S = Sold  
E = Expired

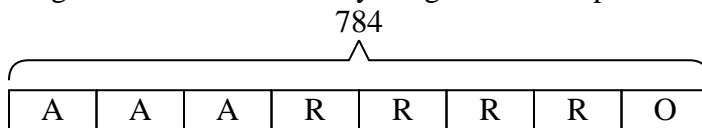
2. **22**3. **86**4. **98**5. **23**

- 3) Vanessa went shopping on Black Friday. She spent \$215 total.  $\frac{1}{5}$  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?



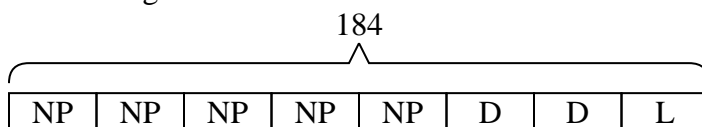
T = Target  
BB = Best Buy  
K = Kohls

- 4) On George's phone he has 784 songs.  $\frac{3}{8}$  of the songs are alternative.  $\frac{4}{5}$  of the rest of the songs were rock. How many songs are on his phone that aren't rock or alternative?



O = Other  
A = Alternative  
R = Rock

- 5) A game store had 184 amiibo they were trying to sell. They sold  $\frac{5}{8}$  at normal price. Then they sold  $\frac{2}{3}$  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



Solve each problem using a tape diagram.

**Answers**

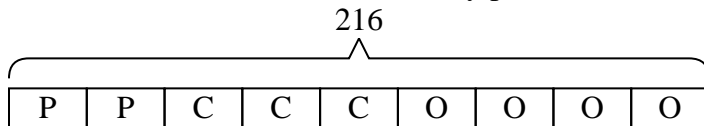
- 1) A pizzeria owner sold 216 pizzas on Friday.  $\frac{2}{9}$  of all the pizzas sold were pepperoni.  $\frac{3}{7}$  of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?
- 2) On Ned's phone he has 330 songs.  $\frac{2}{5}$  of the songs are alternative.  $\frac{2}{3}$  of the rest of the songs were rock. How many songs are on his phone that aren't rock or alternative?
- 3) A store started with 432 sodas. They sold  $\frac{5}{8}$  of them over the next month and they had to throw out  $\frac{2}{3}$  of the ones that were left because they were expired. How many sodas did they have at the end?
- 4) On Emily's phone  $\frac{3}{5}$  of the pictures were selfies. Of the other pictures on her phone  $\frac{1}{2}$  were of her cat. If she has 215 pictures on her phone, how many are not of her cat or selfies?
- 5) At Robin's Ice Cream Emporium they sold 285 ice cream cones in a day.  $\frac{2}{5}$  of them sold were chocolate.  $\frac{1}{3}$  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. \_\_\_\_\_
5. \_\_\_\_\_



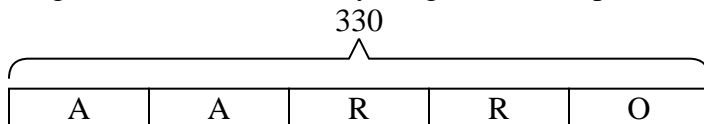
Solve each problem using a tape diagram.

- 1) A pizzeria owner sold 216 pizzas on Friday.  $\frac{2}{9}$  of all the pizzas sold were pepperoni.  $\frac{3}{7}$  of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?



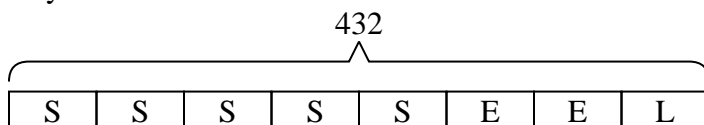
O = Other  
P = Pepperoni  
C = Cheese

- 2) On Ned's phone he has 330 songs.  $\frac{2}{5}$  of the songs are alternative.  $\frac{2}{3}$  of the rest of the songs were rock. How many songs are on his phone that aren't rock or alternative?



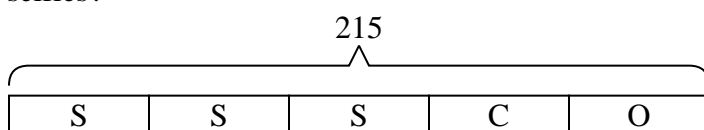
O = Other  
A = Alternative  
R = Rock

- 3) A store started with 432 sodas. They sold  $\frac{5}{8}$  of them over the next month and they had to throw out  $\frac{2}{3}$  of the ones that were left because they were expired. How many sodas did they have at the end?



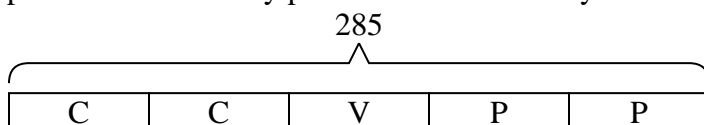
L = Left  
S = Sold  
E = Expired

- 4) On Emily's phone  $\frac{3}{5}$  of the pictures were selfies. Of the other pictures on her phone  $\frac{1}{2}$  were of her cat. If she has 215 pictures on her phone, how many are not of her cat or selfies?



O = Other  
S = Selfies  
C = Cat

- 5) At Robin's Ice Cream Emporium they sold 285 ice cream cones in a day.  $\frac{2}{5}$  of them sold were chocolate.  $\frac{1}{3}$  of the ones that weren't chocolate were vanilla. And the remaining were pistachio. How many pistachio cones did they sell?



P = Pistachio  
C = Chocolate  
V = Vanilla

**Answers**

1. **96**
2. **66**
3. **54**
4. **43**
5. **114**



Solve each problem using a tape diagram.

**Answers**

- 1) On Janet's phone  $\frac{4}{10}$  of the pictures were selfies. Of the other pictures on her phone  $\frac{4}{6}$  were of her cat. If she has 890 pictures on her phone, how many are not of her cat or selfies?
- 2) Rachel went shopping on Black Friday. She spent \$160 total.  $\frac{1}{10}$  of what she spent was at Best Buy. She spent  $\frac{4}{9}$  of what was left at Kohls and the rest she spent at Target. How much did she spend at Target?
- 3) A pizzeria owner sold 380 pizzas on Friday.  $\frac{7}{10}$  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?
- 4) At the school carnival  $\frac{3}{10}$  of the money spent is spent on games. Of what is not spent on games,  $\frac{2}{7}$  is spent on food. If \$900 are spent each day at the carnival, how much is not spent on games or food?
- 5) A game store had 220 amiibo they were trying to sell. They sold  $\frac{5}{10}$  at normal price. Then they sold  $\frac{1}{5}$  of the ones that were left at a discount. How many amiibo did they have left after selling the discount ones?

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

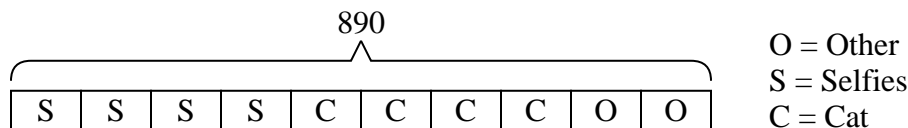
4. \_\_\_\_\_

5. \_\_\_\_\_

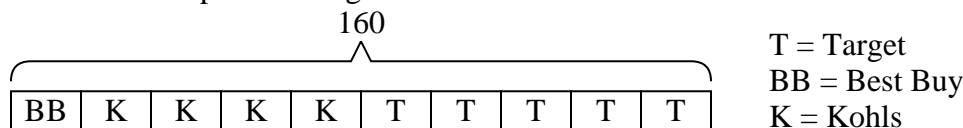


Solve each problem using a tape diagram.

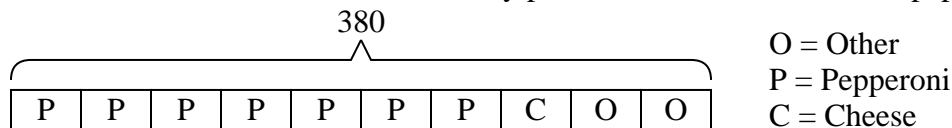
- 1) On Janet's phone  $\frac{4}{10}$  of the pictures were selfies. Of the other pictures on her phone  $\frac{4}{6}$  were of her cat. If she has 890 pictures on her phone, how many are not of her cat or selfies?



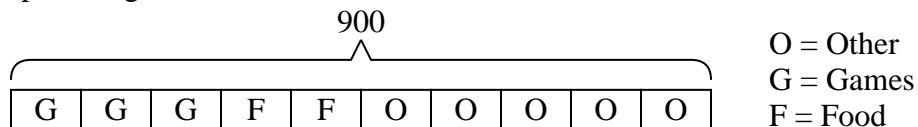
- 2) Rachel went shopping on Black Friday. She spent \$160 total.  $\frac{1}{10}$  of what she spent was at Best Buy. She spent  $\frac{4}{9}$  of what was left at Kohls and the rest she spent at Target. How much did she spend at Target?



- 3) A pizzeria owner sold 380 pizzas on Friday.  $\frac{7}{10}$  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?



- 4) At the school carnival  $\frac{3}{10}$  of the money spent is spent on games. Of what is not spent on games,  $\frac{2}{7}$  is spent on food. If \$900 are spent each day at the carnival, how much is not spent on games or food?



- 5) A game store had 220 amiibo they were trying to sell. They sold  $\frac{5}{10}$  at normal price. Then they sold  $\frac{1}{5}$  of the ones that were left at a discount. How many amiibo did they have left after selling the discount ones?



Answers

1. **178**
2. **80**
3. **76**
4. **450**
5. **88**





Solve each problem using a tape diagram.

**Answers**

- 1) At Bianca's Ice Cream Emporium they sold 160 ice cream cones in a day.  $\frac{6}{10}$  of them sold were chocolate.  $\frac{3}{4}$  of the ones that weren't chocolate were vanilla. And the remaining were pistachio. How many pistachio cones did they sell?
- 2) On Luke's phone he has 266 songs.  $\frac{4}{7}$  of the songs are alternative.  $\frac{2}{3}$  of the rest of the songs were rock. How many songs are on his phone that aren't rock or alternative?
- 3) At the school carnival  $\frac{5}{10}$  of the money spent is spent on games. Of what is not spent on games,  $\frac{4}{5}$  is spent on food. If \$100 are spent each day at the carnival, how much is not spent on games or food?
- 4) On Carol's phone  $\frac{2}{9}$  of the pictures were selfies. Of the other pictures on her phone  $\frac{4}{7}$  were of her cat. If she has 585 pictures on her phone, how many are not of her cat or selfies?
- 5) A game store had 560 amiibo they were trying to sell. They sold  $\frac{6}{10}$  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?

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

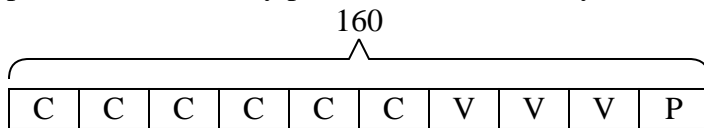
4. \_\_\_\_\_

5. \_\_\_\_\_



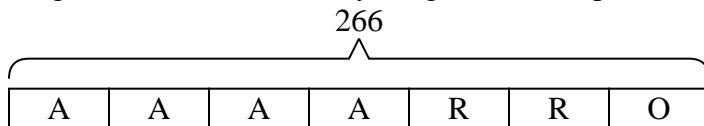
Solve each problem using a tape diagram.

- 1) At Bianca's Ice Cream Emporium they sold 160 ice cream cones in a day.  $\frac{6}{10}$  of them sold were chocolate.  $\frac{3}{4}$  of the ones that weren't chocolate were vanilla. And the remaining were pistachio. How many pistachio cones did they sell?



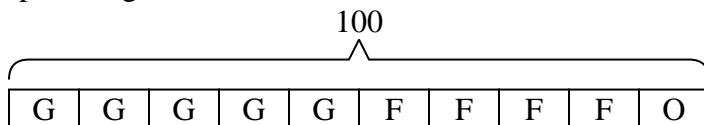
P = Pistachio  
C = Chocolate  
V = Vanilla

- 2) On Luke's phone he has 266 songs.  $\frac{4}{7}$  of the songs are alternative.  $\frac{2}{3}$  of the rest of the songs were rock. How many songs are on his phone that aren't rock or alternative?



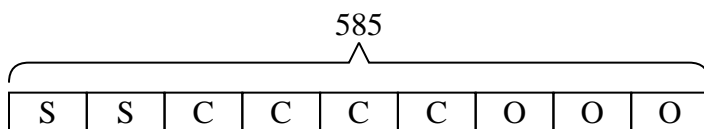
O = Other  
A = Alternative  
R = Rock

- 3) At the school carnival  $\frac{5}{10}$  of the money spent is spent on games. Of what is not spent on games,  $\frac{4}{5}$  is spent on food. If \$100 are spent each day at the carnival, how much is not spent on games or food?



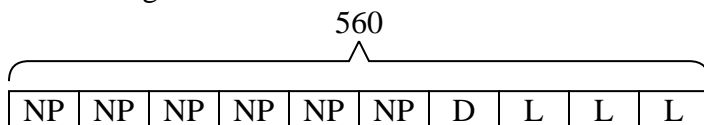
O = Other  
G = Games  
F = Food

- 4) On Carol's phone  $\frac{2}{9}$  of the pictures were selfies. Of the other pictures on her phone  $\frac{4}{7}$  were of her cat. If she has 585 pictures on her phone, how many are not of her cat or selfies?



O = Other  
S = Selfies  
C = Cat

- 5) A game store had 560 amiibo they were trying to sell. They sold  $\frac{6}{10}$  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?



L = Left  
NP = normal  
D = Discount

**Answers**

1. **16**
2. **38**
3. **10**
4. **195**
5. **168**



Solve each problem using a tape diagram.

**Answers**

- 1) Faye went shopping on Black Friday. She spent \$882 total.  $\frac{4}{9}$  of what she spent was at Best Buy. She spent  $\frac{1}{5}$  of what was left at Kohls and the rest she spent at Target. How much did she spend at Target?
- 2) At Janet's Ice Cream Emporium they sold 408 ice cream cones in a day.  $\frac{4}{8}$  of them sold were chocolate.  $\frac{1}{4}$  of the ones that weren't chocolate were vanilla. And the remaining were pistachio. How many pistachio cones did they sell?
- 3) On Victor's phone he has 592 songs.  $\frac{6}{8}$  of the songs are alternative.  $\frac{1}{2}$  of the rest of the songs were rock. How many songs are on his phone that aren't rock or alternative?
- 4) A store started with 870 sodas. They sold  $\frac{7}{10}$  of them over the next month and they had to throw out  $\frac{1}{3}$  of the ones that were left because they were expired. How many sodas did they have at the end?
- 5) At the school carnival  $\frac{3}{8}$  of the money spent is spent on games. Of what is not spent on games,  $\frac{2}{5}$  is spent on food. If \$600 are spent each day at the carnival, how much is not spent on games or food?

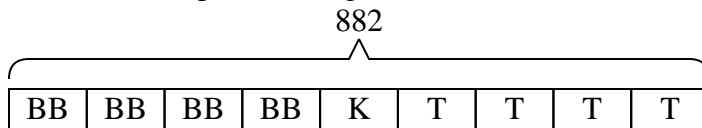
1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_



Solve each problem using a tape diagram.

**Answers**

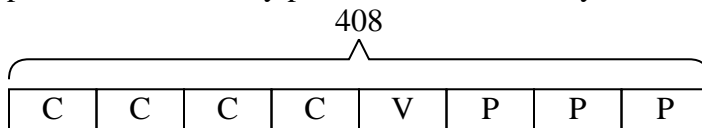
- 1) Faye went shopping on Black Friday. She spent \$882 total.  $\frac{4}{9}$  of what she spent was at Best Buy. She spent  $\frac{1}{5}$  of what was left at Kohls and the rest she spent at Target. How much did she spend at Target?



T = Target  
BB = Best Buy  
K = Kohls

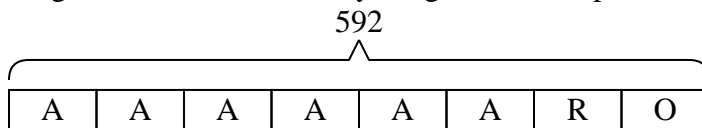
1. **392**2. **153**3. **74**4. **174**5. **225**

- 2) At Janet's Ice Cream Emporium they sold 408 ice cream cones in a day.  $\frac{4}{8}$  of them sold were chocolate.  $\frac{1}{4}$  of the ones that weren't chocolate were vanilla. And the remaining were pistachio. How many pistachio cones did they sell?



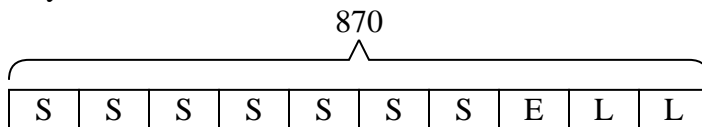
P = Pistachio  
C = Chocolate  
V = Vanilla

- 3) On Victor's phone he has 592 songs.  $\frac{6}{8}$  of the songs are alternative.  $\frac{1}{2}$  of the rest of the songs were rock. How many songs are on his phone that aren't rock or alternative?



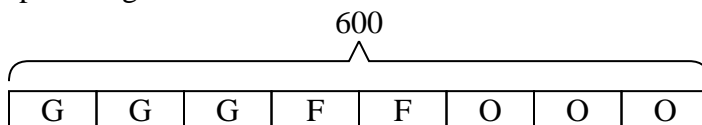
O = Other  
A = Alternative  
R = Rock

- 4) A store started with 870 sodas. They sold  $\frac{7}{10}$  of them over the next month and they had to throw out  $\frac{1}{3}$  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) At the school carnival  $\frac{3}{8}$  of the money spent is spent on games. Of what is not spent on games,  $\frac{2}{5}$  is spent on food. If \$600 are spent each day at the carnival, how much is not spent on games or food?



O = Other  
G = Games  
F = Food