



Solve each problem using a tape diagram.

Answers

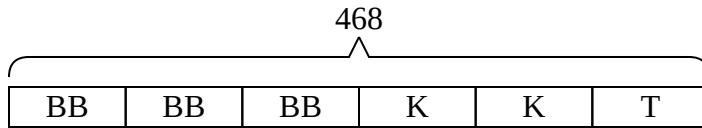
- 1) Faye went shopping on Black Friday. She spent \$468 total. $\frac{3}{6}$ of what she spent was at Best Buy. She spent $\frac{2}{3}$ of what was left at Kohls and the rest she spent at Target. How much did she spend at Target?
- 2) On Robin's phone $\frac{2}{8}$ of the pictures were selfies. Of the 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. _____



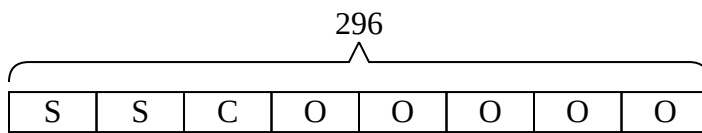
Solve each problem using a tape diagram.

- 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?



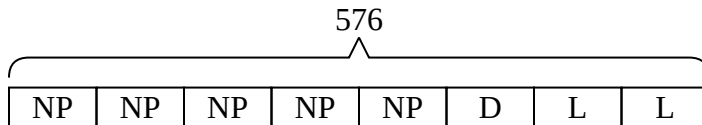
T = Target
BB = Best Buy
K = Kohls

- 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?



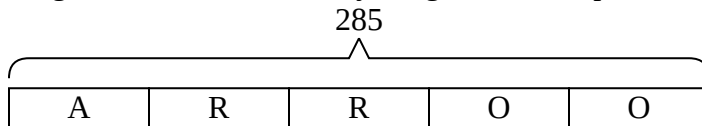
O = Other
S = Selfies
C = Cat

- 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?



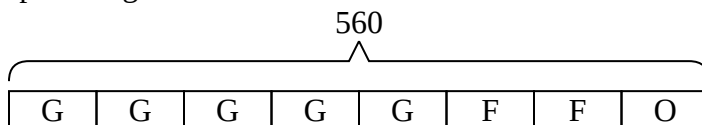
L = Left
NP = normal
D = Discount

- 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

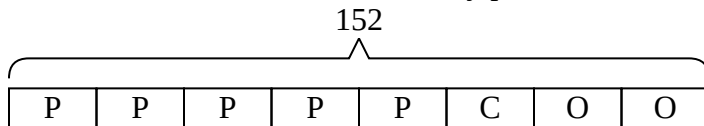
- 1) A pizzeria owner sold 152 pizzas on Friday. $\frac{5}{8}$ of all the pizzas sold were pepperoni. $\frac{1}{3}$ of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?
- 2) On Carol's phone $\frac{1}{5}$ of the pictures were selfies. Of the other pictures on her 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. _____



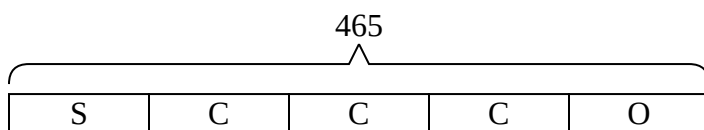
Solve each problem using a tape diagram.

- 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?



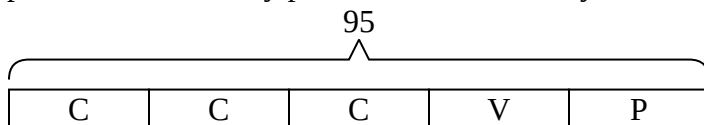
O = Other
P = Pepperoni
C = Cheese

- 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?



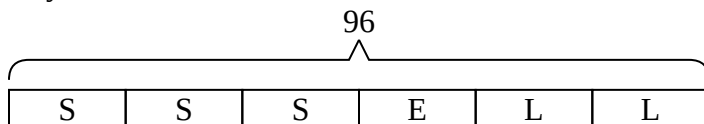
O = Other
S = Selfies
C = Cat

- 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?



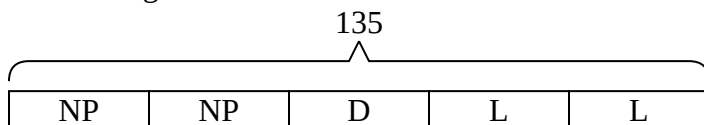
P = Pistachio
C = Chocolate
V = Vanilla

- 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. _____



Answers

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?

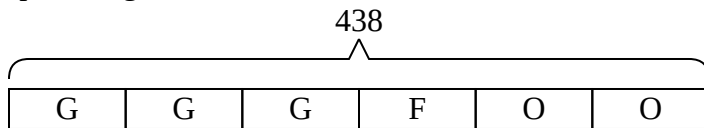
- 4) On Debby's phone $\frac{3}{5}$ of the pictures were selfies. Of the other pictures on her phone $\frac{1}{2}$ were of her cat. If she has 305 pictures on her phone, how many are not of her cat or selfies?

- 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. _____

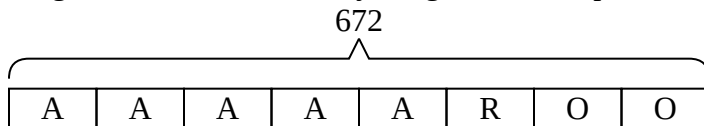
Solve each problem using a tape diagram.

- 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?



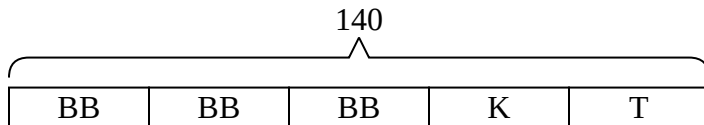
O = Other
G = Games
F = Food

- 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?



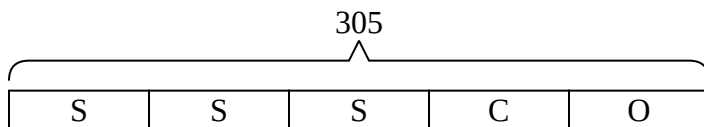
O = Other
A = Alternative
R = Rock

- 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?



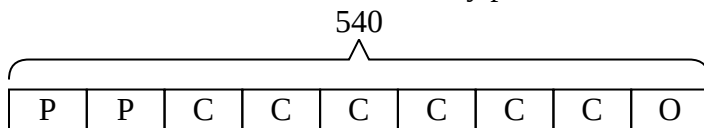
T = Target
BB = Best Buy
K = Kohls

- 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

Answers

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

**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?

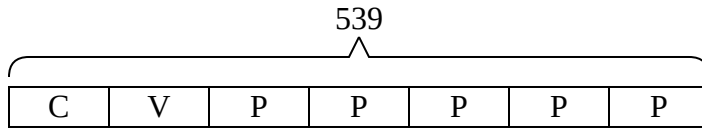
1. _____
2. _____
3. _____
4. _____
5. _____



Solve each problem using a tape diagram.

Answers

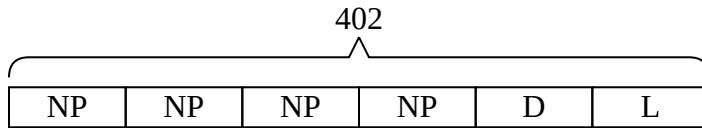
- 1) At Amy's Ice Cream Emporium they sold 539 ice cream cones in a day. $\frac{1}{7}$ of them sold were chocolate. $\frac{1}{6}$ of the ones that weren't chocolate were vanilla. And the remaining were pistachio. How many pistachio cones did they sell?



P = Pistachio
C = Chocolate
V = Vanilla

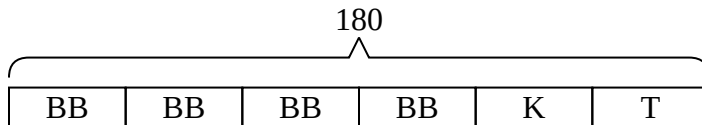
1. **385**2. **67**3. **30**4. **62**5. **60**

- 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?



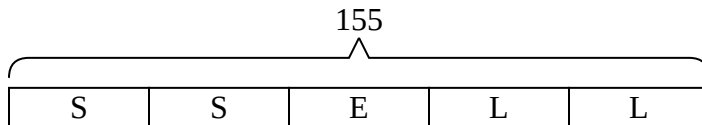
L = Left
NP = normal
D = Discount

- 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?



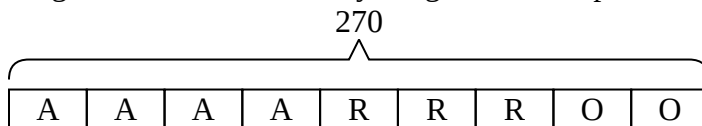
T = Target
BB = Best Buy
K = Kohls

- 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?

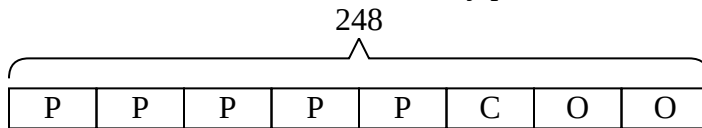
1. _____
2. _____
3. _____
4. _____
5. _____



Solve each problem using a tape diagram.

Answers

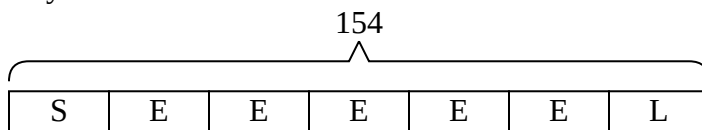
- 1) A pizzeria owner sold 248 pizzas on Friday. $\frac{5}{8}$ of all the pizzas sold were pepperoni. $\frac{1}{3}$ of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?



O = Other
P = Pepperoni
C = Cheese

1. **62**

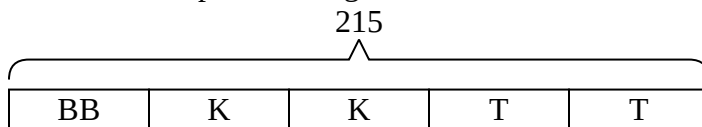
- 2) A store started with 154 sodas. They sold $\frac{1}{7}$ of them over the next month and they had to throw out $\frac{5}{6}$ of the ones that were left because they were expired. How many sodas did they have at the end?



L = Left
S = Sold
E = Expired

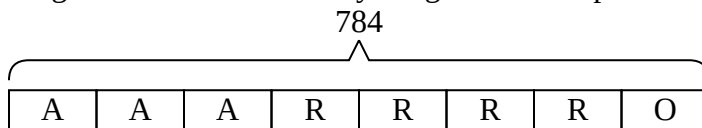
2. **22**3. **86**4. **98**5. **23**

- 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?



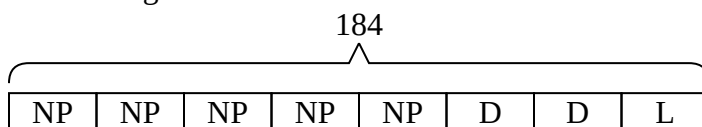
T = Target
BB = Best Buy
K = Kohls

- 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

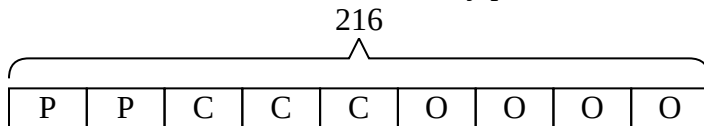
- 1) A pizzeria owner sold 216 pizzas on Friday. $\frac{2}{9}$ of all the pizzas sold were pepperoni. $\frac{3}{7}$ of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?
- 2) On Ned's phone he has 330 songs. $\frac{2}{5}$ of the songs are alternative. $\frac{2}{3}$ 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. _____



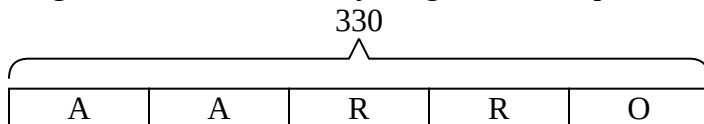
Solve each problem using a tape diagram.

- 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?



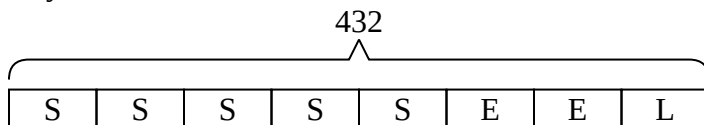
O = Other
P = Pepperoni
C = Cheese

- 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?



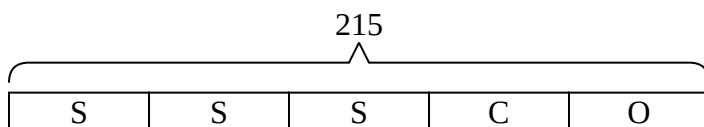
O = Other
A = Alternative
R = Rock

- 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?



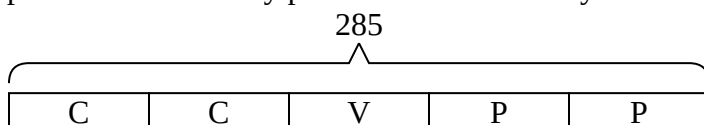
L = Left
S = Sold
E = Expired

- 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

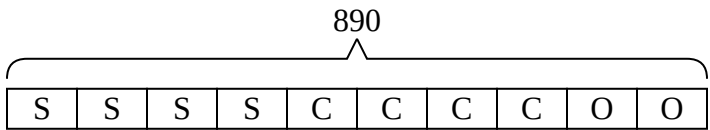
- 1) On Janet's phone $\frac{4}{10}$ of the pictures were selfies. Of the other pictures on her phone $\frac{4}{6}$ were of her cat. If she has 890 pictures on her phone, how many are not of her cat or selfies?
- 2) Rachel went shopping on Black Friday. She spent \$160 total. $\frac{1}{10}$ of what she 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. _____



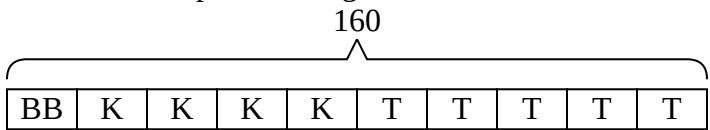
Solve each problem using a tape diagram.

- 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?



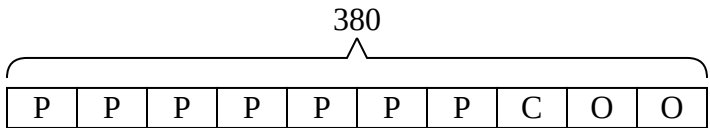
O = Other
S = Selfies
C = Cat

- 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?



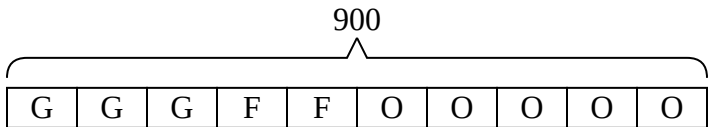
T = Target
BB = Best Buy
K = Kohls

- 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?



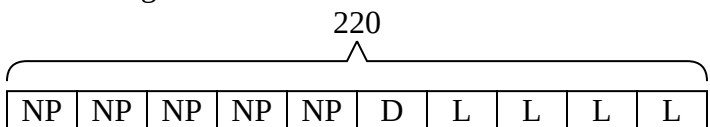
O = Other
P = Pepperoni
C = Cheese

- 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?



O = Other
G = Games
F = 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?



L = Left
NP = normal
D = Discount

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?

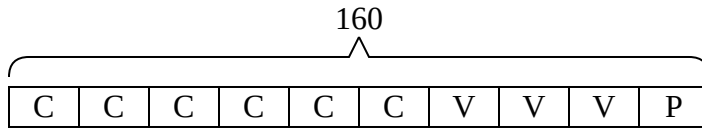
1. _____
2. _____
3. _____
4. _____
5. _____



Solve each problem using a tape diagram.

Answers

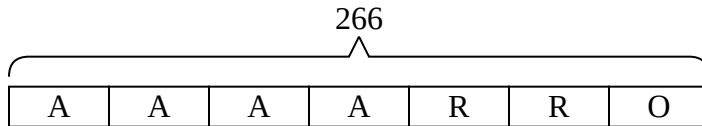
- 1) At Bianca's Ice Cream Emporium they sold 160 ice cream cones in a day. $\frac{6}{10}$ of them sold were chocolate. $\frac{3}{4}$ of the ones that weren't chocolate were vanilla. And the remaining were pistachio. How many pistachio cones did they sell?



P = Pistachio
C = Chocolate
V = Vanilla

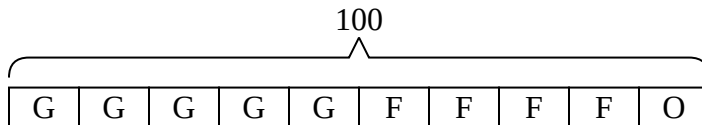
1. **16**2. **38**3. **10**4. **195**5. **168**

- 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?



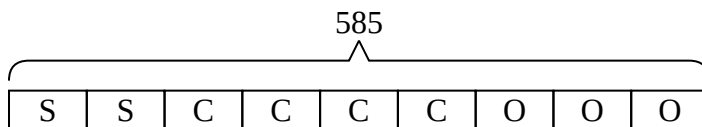
O = Other
A = Alternative
R = Rock

- 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?



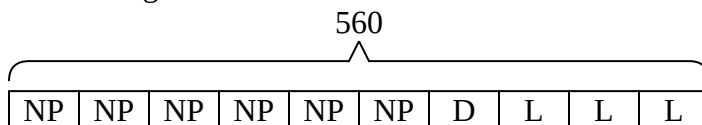
O = Other
G = Games
F = Food

- 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

**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?

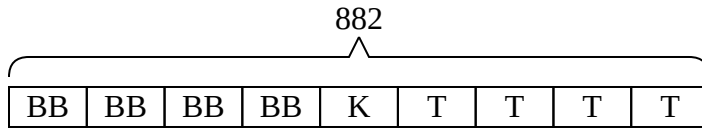
1. _____
2. _____
3. _____
4. _____
5. _____



Solve each problem using a tape diagram.

Answers

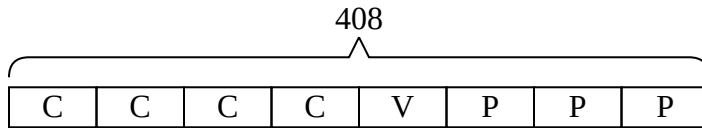
- 1) Faye went shopping on Black Friday. She spent \$882 total. $\frac{4}{9}$ of what she spent was at Best Buy. She spent $\frac{1}{5}$ of what was left at Kohls and the rest she spent at Target. How much did she spend at Target?



T = Target
BB = Best Buy
K = Kohls

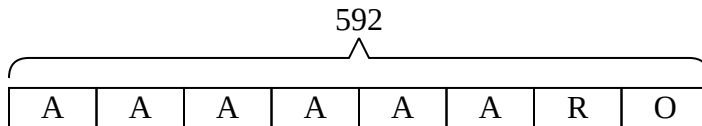
1. **392**2. **153**3. **74**4. **174**5. **225**

- 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?



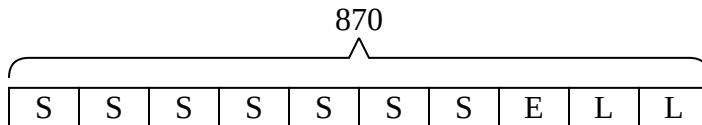
P = Pistachio
C = Chocolate
V = Vanilla

- 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?



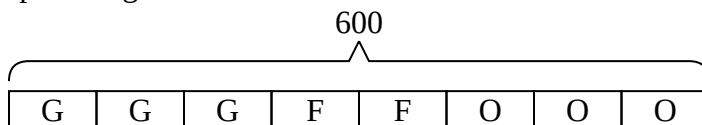
O = Other
A = Alternative
R = Rock

- 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