



Solve each problem.

Answers

Ex) For every 8 dogs at the pet shelter there are 5 cats. What is the ratio of dogs to cats?

Ex. 8:5

- 1) For every 8 hotdogs sold at the malt shop there are 3 hamburgers sold. What is the ratio of hotdogs sold to hamburgers sold?
- 2) For every 5 PS3 games Robin owned she had 8 Wii games. What is her ratio of Wii games to PS3 games?
- 3) At the store for every 6 movies sold there were 8 books sold. What is the ratio of books sold to movies sold?
- 4) At the movie theater the ratio of small popcorns sold to large popcorns sold was 5:8. For every _____ small popcorns sold there are _____ large popcorns sold.
- 5) For every 6 onions on a burger there are 8 pickles. What is the ratio of pickles to onions?
- 6) In a bag of candy the ratio of chocolate pieces to sugar pieces was 8:2. For every _____ sugar pieces there are _____ chocolate pieces.
- 7) The ratio of cars to trucks in a parking lot was 3:2. For every _____ trucks there were _____ cars.
- 8) At the burger shop the ratio of regular sodas sold to diet sodas sold was 5:3. For every _____ regular sodas sold there are _____ diet sodas sold.
- 9) At the thrift store for every 3 long sleeve shirts there were 2 short sleeve shirts. What is the ratio of long sleeve shirts to short sleeve shirts?
- 10) In a neighborhood for every 2 old homes there were 8 new homes. What is the ratio of old homes to new homes?
- 11) The ratio of boys to girls on a softball team was 2:6. For every _____ girls there are _____ boys.
- 12) At an orchard the ratio of green apples to red apples was 7:8. For every _____ red apples there were _____ green apples.

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____



Solve each problem.

Ex) For every 8 dogs at the pet shelter there are 5 cats. What is the ratio of dogs to cats?

AnswersEx. 8:51. 8:32. 8:53. 8:64. 5 85. 8:66. 2 87. 2 38. 5 39. 3:210. 2:811. 6 212. 8 7

1) For every 8 hotdogs sold at the malt shop there are 3 hamburgers sold. What is the ratio of hotdogs sold to hamburgers sold?

2) For every 5 PS3 games Robin owned she had 8 Wii games. What is her ratio of Wii games to PS3 games?

3) At the store for every 6 movies sold there were 8 books sold. What is the ratio of books sold to movies sold?

4) At the movie theater the ratio of small popcorns sold to large popcorns sold was 5:8. For every 5 small popcorns sold there are 8 large popcorns sold.

5) For every 6 onions on a burger there are 8 pickles. What is the ratio of pickles to onions?

6) In a bag of candy the ratio of chocolate pieces to sugar pieces was 8:2. For every 2 sugar pieces there are 8 chocolate pieces.

7) The ratio of cars to trucks in a parking lot was 3:2. For every 2 trucks there were 3 cars.

8) At the burger shop the ratio of regular sodas sold to diet sodas sold was 5:3. For every 5 regular sodas sold there are 3 diet sodas sold.

9) At the thrift store for every 3 long sleeve shirts there were 2 short sleeve shirts. What is the ratio of long sleeve shirts to short sleeve shirts?

10) In a neighborhood for every 2 old homes there were 8 new homes. What is the ratio of old homes to new homes?

11) The ratio of boys to girls on a softball team was 2:6. For every 6 girls there are 2 boys.

12) At an orchard the ratio of green apples to red apples was 7:8. For every 8 red apples there were 7 green apples.

**Solve each problem.****Answers**

- Ex)** The ratio of males to females birds in a bird cage was 5:6. For every 6 females there are 5 males.
- 1) For every 9 cars in a parking lot there are 7 trucks. What is the ratio of cars to trucks in the parking lot?
- 2) At the movie theater the ratio of small popcorns sold to large popcorns sold was 3:8. For every _____ large popcorns sold there are _____ small popcorns sold.
- 3) At the carnival the ratio of rides to games was 3:5. For every _____ rides there are _____ games.
- 4) At the the thrift store the ratio of long sleeve shirts to short sleeve shirts was 2:4. For every _____ long sleeve shirts there were _____ short sleeve shirts.
- 5) At an orchard the ratio of green apples to red apples was 5:6. For every _____ red apples there were _____ green apples.
- 6) At the store the ratio of books sold to movies sold was 8:5. For every _____ movies sold there were _____ books sold.
- 7) For every 8 Wii games Olivia owned she had 3 PS3 games. What is her ratio of Wii games to PS3 games?
- 8) For every 8 regular sodas a burger shop sold there were 4 diet sodas sold. What is the ratio of regular sodas sold to diet sodas sold?
- 9) At the pet store the ratio of dogs to cats was 4:6. For every _____ cats there are _____ dogs.
- 10) In a bag of candy the ratio of chocolate pieces to sugar pieces was 5:8. For every _____ sugar pieces there are _____ chocolate pieces.
- 11) During the class election the ratio of votes for Katie to votes for Tom was 6:7. For every _____ votes Tom got Katie got _____.
- 12) At an icecream shop for every 5 vanilla cones sold there were 2 chocolate cones sold. What is the ratio of chocolate cones to vanilla cones sold?

- Ex. 6 5
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____



Solve each problem.

- Ex) The ratio of males to females birds in a bird cage was 5:6. For every 6 females there are 5 males.
- 1) For every 9 cars in a parking lot there are 7 trucks. What is the ratio of cars to trucks in the parking lot?
- 2) At the movie theater the ratio of small popcorns sold to large popcorns sold was 3:8. For every 8 large popcorns sold there are 3 small popcorns sold.
- 3) At the carnival the ratio of rides to games was 3:5. For every 3 rides there are 5 games.
- 4) At the the thrift store the ratio of long sleeve shirts to short sleeve shirts was 2:4. For every 2 long sleeve shirts there were 4 short sleeve shirts.
- 5) At an orchard the ratio of green apples to red apples was 5:6. For every 6 red apples there were 5 green apples.
- 6) At the store the ratio of books sold to movies sold was 8:5. For every 5 movies sold there were 8 books sold.
- 7) For every 8 Wii games Olivia owned she had 3 PS3 games. What is her ratio of Wii games to PS3 games?
- 8) For every 8 regular sodas a burger shop sold there were 4 diet sodas sold. What is the ratio of regular sodas sold to diet sodas sold?
- 9) At the pet store the ratio of dogs to cats was 4:6. For every 6 cats there are 4 dogs.
- 10) In a bag of candy the ratio of chocolate pieces to sugar pieces was 5:8. For every 8 sugar pieces there are 5 chocolate pieces.
- 11) During the class election the ratio of votes for Katie to votes for Tom was 6:7. For every 7 votes Tom got Katie got 6.
- 12) At an icecream shop for every 5 vanilla cones sold there were 2 chocolate cones sold. What is the ratio of chocolate cones to vanilla cones sold?

Answers

Ex.	<u>6</u>	<u>5</u>
1.	<u>9:7</u>	
2.	<u>8</u>	<u>3</u>
3.	<u>3</u>	<u>5</u>
4.	<u>2</u>	<u>4</u>
5.	<u>6</u>	<u>5</u>
6.	<u>5</u>	<u>8</u>
7.	<u>8:3</u>	
8.	<u>8:4</u>	
9.	<u>6</u>	<u>4</u>
10.	<u>8</u>	<u>5</u>
11.	<u>7</u>	<u>6</u>
12.	<u>2:5</u>	

**Solve each problem.****Answers**

Ex) For every 8 green apples in an orchard there were 6 red apples. What is the ratio of green apples to red apples?

Ex. 8:6

- 1) During the class election the ratio of votes for Faye to votes for John was 8:2. For every _____ votes Faye got John got _____.
- 2) At an icecream shop the ratio of chocolate cones sold to vanilla cones sold was 3:6. For every _____ vanilla cones sold there were _____ chocolate cones sold.
- 3) For every 6 hotdogs sold at the malt shop there are 8 hamburgers sold. What is the ratio of hotdogs sold to hamburgers sold?
- 4) For every 8 boys on a softball team there are 7 girls. What is the ratio of boys to girls?
- 5) At the carnival the ratio of rides to games was 7:6. For every _____ rides there are _____ games.
- 6) The ratio of cars to trucks in a parking lot was 7:6. For every _____ cars there were _____ trucks.
- 7) In a bag of candy the ratio of chocolate pieces to sugar pieces was 9:8. For every _____ chocolate pieces there are _____ sugar pieces.
- 8) The ratio of pickles to onions on a burger was 8:9. For every _____ onions there are _____ pickles.
- 9) At the store for every 9 books sold there were 4 movies sold. What is the ratio of books sold to movies sold?
- 10) In a neighborhood for every 9 old homes there were 3 new homes. What is the ratio of old homes to new homes?
- 11) At the pet store the ratio of dogs to cats was 9:5. For every _____ dogs there are _____ cats.
- 12) For every 3 PS3 games Emily owned she had 5 Wii games. What is her ratio of Wii games to PS3 games?

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____



Solve each problem.

- Ex) For every 8 green apples in an orchard there were 6 red apples. What is the ratio of green apples to red apples?
- 1) During the class election the ratio of votes for Faye to votes for John was 8:2. For every 8 votes Faye got John got 2.
- 2) At an icecream shop the ratio of chocolate cones sold to vanilla cones sold was 3:6. For every 6 vanilla cones sold there were 3 chocolate cones sold.
- 3) For every 6 hotdogs sold at the malt shop there are 8 hamburgers sold. What is the ratio of hotdogs sold to hamburgers sold?
- 4) For every 8 boys on a softball team there are 7 girls. What is the ratio of boys to girls?
- 5) At the carnival the ratio of rides to games was 7:6. For every 7 rides there are 6 games.
- 6) The ratio of cars to trucks in a parking lot was 7:6. For every 7 cars there were 6 trucks.
- 7) In a bag of candy the ratio of chocolate pieces to sugar pieces was 9:8. For every 9 chocolate pieces there are 8 sugar pieces.
- 8) The ratio of pickles to onions on a burger was 8:9. For every 9 onions there are 8 pickles.
- 9) At the store for every 9 books sold there were 4 movies sold. What is the ratio of books sold to movies sold?
- 10) In a neighborhood for every 9 old homes there were 3 new homes. What is the ratio of old homes to new homes?
- 11) At the pet store the ratio of dogs to cats was 9:5. For every 9 dogs there are 5 cats.
- 12) For every 3 PS3 games Emily owned she had 5 Wii games. What is her ratio of Wii games to PS3 games?

Answers

Ex.	<u>8:6</u>
1.	<u>8</u> <u>2</u>
2.	<u>6</u> <u>3</u>
3.	<u>6:8</u>
4.	<u>8:7</u>
5.	<u>7</u> <u>6</u>
6.	<u>7</u> <u>6</u>
7.	<u>9</u> <u>8</u>
8.	<u>9</u> <u>8</u>
9.	<u>9:4</u>
10.	<u>9:3</u>
11.	<u>9</u> <u>5</u>
12.	<u>5:3</u>



Solve each problem.

Answers

Ex) At an orchard the ratio of green apples to red apples was 6:2. For every 2 red apples there were 6 green apples.

Ex. 2 6

- 1) At the store for every 8 movies sold there were 9 books sold. What is the ratio of books sold to movies sold?
- 2) At the thrift store for every 8 long sleeve shirts there were 2 short sleeve shirts. What is the ratio of long sleeve shirts to short sleeve shirts?
- 3) The ratio of Wii games to PS3 games Henry owned was 6:5. For every _____ Wii games he owned he had _____ PS3 games.
- 4) The ratio of cars to trucks in a parking lot was 8:5. For every _____ trucks there were _____ cars.
- 5) At the pet store the ratio of dogs to cats was 4:7. For every _____ dogs there are _____ cats.
- 6) In the class election for every 4 Emily Emily got, Edward got 8 Edward. What is the ratio of votes for Emily to votes for Edward?
- 7) At an icecream shop for every 3 vanilla cones sold there were 7 chocolate cones sold. What is the ratio of chocolate cones to vanilla cones sold?
- 8) At the malt shop the ratio of hotdogs sold to hamburgers sold was 9:5. For every _____ hotdogs sold there were _____ hamburgers sold.
- 9) For every 2 rides at the fair there are 5 games. What is the ratio of rides to games?
- 10) In a bag of candy for every 7 chocolate pieces there are 2 sugar pieces. What is the ratio of chocolate pieces to sugar pieces?
- 11) For every 5 small popcorns sold at the theater there were 2 large popcorns sold. What is the ratio of small popcorns sold to large popcorns sold?
- 12) For every 4 pickles on a burger there are 6 onions. What is the ratio of pickles to onions?

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____



Solve each problem.

Ex) At an orchard the ratio of green apples to red apples was 6:2. For every 2 red apples there were 6 green apples.

- 1) At the store for every 8 movies sold there were 9 books sold. What is the ratio of books sold to movies sold?
- 2) At the thrift store for every 8 long sleeve shirts there were 2 short sleeve shirts. What is the ratio of long sleeve shirts to short sleeve shirts?
- 3) The ratio of Wii games to PS3 games Henry owned was 6:5. For every 6 Wii games he owned he had 5 PS3 games.
- 4) The ratio of cars to trucks in a parking lot was 8:5. For every 5 trucks there were 8 cars.
- 5) At the pet store the ratio of dogs to cats was 4:7. For every 4 dogs there are 7 cats.
- 6) In the class election for every 4 Emily Emily got, Edward got 8 Edward. What is the ratio of votes for Emily to votes for Edward?
- 7) At an icecream shop for every 3 vanilla cones sold there were 7 chocolate cones sold. What is the ratio of chocolate cones to vanilla cones sold?
- 8) At the malt shop the ratio of hotdogs sold to hamburgers sold was 9:5. For every 9 hotdogs sold there were 5 hamburgers sold.
- 9) For every 2 rides at the fair there are 5 games. What is the ratio of rides to games?
- 10) In a bag of candy for every 7 chocolate pieces there are 2 sugar pieces. What is the ratio of chocolate pieces to sugar pieces?
- 11) For every 5 small popcorns sold at the theater there were 2 large popcorns sold. What is the ratio of small popcorns sold to large popcorns sold?
- 12) For every 4 pickles on a burger there are 6 onions. What is the ratio of pickles to onions?

Answers

Ex.	<u>2</u>	<u>6</u>
1.	<u>9:8</u>	
2.	<u>8:2</u>	
3.	<u>6</u>	<u>5</u>
4.	<u>5</u>	<u>8</u>
5.	<u>4</u>	<u>7</u>
6.	<u>4:8</u>	
7.	<u>7:3</u>	
8.	<u>9</u>	<u>5</u>
9.	<u>2:5</u>	
10.	<u>7:2</u>	
11.	<u>5:2</u>	
12.	<u>4:6</u>	

**Solve each problem.****Answers**

- Ex)** For every 3 small popcorns sold at the theater there were 4 large popcorns sold. What is the ratio of small popcorns sold to large popcorns sold?
- 1) The ratio of boys to girls on a softball team was 9:4. For every _____ boys there are _____ girls.
- 2) In a neighborhood for every 9 new homes there were 3 old homes. What is the ratio of old homes to new homes?
- 3) At the thrift store for every 6 short sleeve shirts there were 9 long sleeve shirts. What is the ratio of long sleeve shirts to short sleeve shirts?
- 4) At the carnival the ratio of rides to games was 7:2. For every _____ games there are _____ rides.
- 5) In a bag of candy the ratio of chocolate pieces to sugar pieces was 2:4. For every _____ chocolate pieces there are _____ sugar pieces.
- 6) At the pet store the ratio of dogs to cats was 7:5. For every _____ cats there are _____ dogs.
- 7) The ratio of males to females birds in a bird cage was 5:4. For every _____ females there are _____ males.
- 8) For every 5 onions on a burger there are 7 pickles. What is the ratio of pickles to onions?
- 9) For every 2 cars in a parking lot there are 4 trucks. What is the ratio of cars to trucks in the parking lot?
- 10) For every 2 green apples in an orchard there were 5 red apples. What is the ratio of green apples to red apples?
- 11) At the store the ratio of books sold to movies sold was 5:2. For every _____ movies sold there were _____ books sold.
- 12) For every 3 hamburgers sold at the malt shop there are 8 hotdogs sold. What is the ratio of hotdogs sold to hamburgers sold?

- Ex. 3:4
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____

**Solve each problem.**

- Ex)** For every 3 small popcorns sold at the theater there were 4 large popcorns sold. What is the ratio of small popcorns sold to large popcorns sold?
- 1) The ratio of boys to girls on a softball team was 9:4. For every 9 boys there are 4 girls.
- 2) In a neighborhood for every 9 new homes there were 3 old homes. What is the ratio of old homes to new homes?
- 3) At the thrift store for every 6 short sleeve shirts there were 9 long sleeve shirts. What is the ratio of long sleeve shirts to short sleeve shirts?
- 4) At the carnival the ratio of rides to games was 7:2. For every 2 games there are 7 rides.
- 5) In a bag of candy the ratio of chocolate pieces to sugar pieces was 2:4. For every 2 chocolate pieces there are 4 sugar pieces.
- 6) At the pet store the ratio of dogs to cats was 7:5. For every 5 cats there are 7 dogs.
- 7) The ratio of males to females birds in a bird cage was 5:4. For every 4 females there are 5 males.
- 8) For every 5 onions on a burger there are 7 pickles. What is the ratio of pickles to onions?
- 9) For every 2 cars in a parking lot there are 4 trucks. What is the ratio of cars to trucks in the parking lot?
- 10) For every 2 green apples in an orchard there were 5 red apples. What is the ratio of green apples to red apples?
- 11) At the store the ratio of books sold to movies sold was 5:2. For every 2 movies sold there were 5 books sold.
- 12) For every 3 hamburgers sold at the malt shop there are 8 hotdogs sold. What is the ratio of hotdogs sold to hamburgers sold?

Answers

- Ex. 3:4
1. 9 4
2. 3:9
3. 9:6
4. 2 7
5. 2 4
6. 5 7
7. 4 5
8. 7:5
9. 2:4
10. 2:5
11. 2 5
12. 8:3

**Solve each problem.****Answers**

Ex) For every 2 hotdogs sold at the malt shop there are 4 hamburgers sold. What is the ratio of hotdogs sold to hamburgers sold?

Ex. 2:4

- 1) The ratio of Wii games to PS3 games Victor owned was 2:8. For every _____ PS3 games he owned he had _____ Wii games.
- 2) At the store the ratio of books sold to movies sold was 4:2. For every _____ books sold there were _____ movies sold.
- 3) The ratio of boys to girls on a softball team was 5:6. For every _____ boys there are _____ girls.
- 4) In a bag of candy for every 4 chocolate pieces there are 9 sugar pieces. What is the ratio of chocolate pieces to sugar pieces?
- 5) For every 9 small popcorns sold at the theater there were 5 large popcorns sold. What is the ratio of small popcorns sold to large popcorns sold?
- 6) For every 3 onions on a burger there are 9 pickles. What is the ratio of pickles to onions?
- 7) For every 5 males birds in a bird cage there are 4 females. What is the ratio of males to females?
- 8) For every 5 dogs at the pet shelter there are 7 cats. What is the ratio of dogs to cats?
- 9) In a neighborhood for every 5 old homes there were 7 new homes. What is the ratio of old homes to new homes?
- 10) At an icecream shop the ratio of chocolate cones sold to vanilla cones cones sold was 7:6. For every _____ vanilla cones sold there were _____ chocolate cones sold.
- 11) In the class election for every 3 Kaleb Robin got, Kaleb got 5 Robin. What is the ratio of votes for Robin to votes for Kaleb?
- 12) For every 8 games at the fair there are 4 rides. What is the ratio of rides to games?

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____



Solve each problem.

Ex) For every 2 hotdogs sold at the malt shop there are 4 hamburgers sold. What is the ratio of hotdogs sold to hamburgers sold?

- 1) The ratio of Wii games to PS3 games Victor owned was 2:8. For every 8 PS3 games he owned he had 2 Wii games.
- 2) At the store the ratio of books sold to movies sold was 4:2. For every 4 books sold there were 2 movies sold.
- 3) The ratio of boys to girls on a softball team was 5:6. For every 5 boys there are 6 girls.
- 4) In a bag of candy for every 4 chocolate pieces there are 9 sugar pieces. What is the ratio of chocolate pieces to sugar pieces?
- 5) For every 9 small popcorns sold at the theater there were 5 large popcorns sold. What is the ratio of small popcorns sold to large popcorns sold?
- 6) For every 3 onions on a burger there are 9 pickles. What is the ratio of pickles to onions?
- 7) For every 5 males birds in a bird cage there are 4 females. What is the ratio of males to females?
- 8) For every 5 dogs at the pet shelter there are 7 cats. What is the ratio of dogs to cats?
- 9) In a neighborhood for every 5 old homes there were 7 new homes. What is the ratio of old homes to new homes?
- 10) At an icecream shop the ratio of chocolate cones sold to vanilla cones cones sold was 7:6. For every 6 vanilla cones sold there were 7 chocolate cones sold.
- 11) In the class election for every 3 Kaleb Robin got, Kaleb got 5 Robin. What is the ratio of votes for Robin to votes for Kaleb?
- 12) For every 8 games at the fair there are 4 rides. What is the ratio of rides to games?

Answers

Ex.	<u>2:4</u>
1.	<u>8 2</u>
2.	<u>4 2</u>
3.	<u>5 6</u>
4.	<u>4:9</u>
5.	<u>9:5</u>
6.	<u>9:3</u>
7.	<u>5:4</u>
8.	<u>5:7</u>
9.	<u>5:7</u>
10.	<u>6 7</u>
11.	<u>5:3</u>
12.	<u>4:8</u>



Solve each problem.

Answers

- Ex) The ratio of males to females birds in a bird cage was 9:2. For every 9 males there are 2 females.
- 1) During the class election the ratio of votes for Sarah to votes for Henry was 5:4. For every _____ votes Henry got Sarah got _____.
- 2) At the store the ratio of books sold to movies sold was 6:3. For every _____ movies sold there were _____ books sold.
- 3) For every 8 regular sodas a burger shop sold there were 5 diet sodas sold. What is the ratio of regular sodas sold to diet sodas sold?
- 4) The ratio of pickles to onions on a burger was 9:2. For every _____ onions there are _____ pickles.
- 5) The ratio of cars to trucks in a parking lot was 9:8. For every _____ cars there were _____ trucks.
- 6) At the thrift store for every 9 short sleeve shirts there were 6 long sleeve shirts. What is the ratio of long sleeve shirts to short sleeve shirts?
- 7) The ratio of Wii games to PS3 games Sam owned was 2:7. For every _____ Wii games he owned he had _____ PS3 games.
- 8) The ratio of boys to girls on a softball team was 7:4. For every _____ boys there are _____ girls.
- 9) For every 6 dogs at the pet shelter there are 5 cats. What is the ratio of dogs to cats?
- 10) At an icecream shop for every 4 chocolate cones sold there were 6 vanilla cones sold. What is the ratio of chocolate cones to vanilla cones sold?
- 11) In a neighborhood for every 4 new homes there were 3 old homes. What is the ratio of old homes to new homes?
- 12) For every 5 games at the fair there are 2 rides. What is the ratio of rides to games?

- Ex. 9 2
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____



Solve each problem.

- Ex) The ratio of males to females birds in a bird cage was 9:2. For every 9 males there are 2 females.
- 1) During the class election the ratio of votes for Sarah to votes for Henry was 5:4. For every 4 votes Henry got Sarah got 5.
- 2) At the store the ratio of books sold to movies sold was 6:3. For every 3 movies sold there were 6 books sold.
- 3) For every 8 regular sodas a burger shop sold there were 5 diet sodas sold. What is the ratio of regular sodas sold to diet sodas sold?
- 4) The ratio of pickles to onions on a burger was 9:2. For every 2 onions there are 9 pickles.
- 5) The ratio of cars to trucks in a parking lot was 9:8. For every 9 cars there were 8 trucks.
- 6) At the thrift store for every 9 short sleeve shirts there were 6 long sleeve shirts. What is the ratio of long sleeve shirts to short sleeve shirts?
- 7) The ratio of Wii games to PS3 games Sam owned was 2:7. For every 2 Wii games he owned he had 7 PS3 games.
- 8) The ratio of boys to girls on a softball team was 7:4. For every 7 boys there are 4 girls.
- 9) For every 6 dogs at the pet shelter there are 5 cats. What is the ratio of dogs to cats?
- 10) At an icecream shop for every 4 chocolate cones sold there were 6 vanilla cones sold. What is the ratio of chocolate cones to vanilla cones sold?
- 11) In a neighborhood for every 4 new homes there were 3 old homes. What is the ratio of old homes to new homes?
- 12) For every 5 games at the fair there are 2 rides. What is the ratio of rides to games?

Answers

Ex.	<u>9</u>	<u>2</u>
1.	<u>4</u>	<u>5</u>
2.	<u>3</u>	<u>6</u>
3.	<u>8:5</u>	
4.	<u>2</u>	<u>9</u>
5.	<u>9</u>	<u>8</u>
6.	<u>6:9</u>	
7.	<u>2</u>	<u>7</u>
8.	<u>7</u>	<u>4</u>
9.	<u>6:5</u>	
10.	<u>4:6</u>	
11.	<u>3:4</u>	
12.	<u>2:5</u>	

**Solve each problem.****Answers**

Ex) In a neighborhood for every 7 new homes there were 2 old homes. What is the ratio of old homes to new homes?

Ex. 2:7

- 1) At the carnival the ratio of rides to games was 3:4. For every _____ rides there are _____ games.
- 2) For every 4 cars in a parking lot there are 5 trucks. What is the ratio of cars to trucks in the parking lot?
- 3) For every 6 green apples in an orchard there were 4 red apples. What is the ratio of green apples to red apples?
- 4) For every 4 small popcorns sold at the theater there were 9 large popcorns sold. What is the ratio of small popcorns sold to large popcorns sold?
- 5) For every 4 hotdogs sold at the malt shop there are 6 hamburgers sold. What is the ratio of hotdogs sold to hamburgers sold?
- 6) In the class election for every 2 Bianca Bianca got, Cody got 3 Cody. What is the ratio of votes for Bianca to votes for Cody?
- 7) At an icecream shop for every 6 chocolate cones sold there were 9 vanilla cones sold. What is the ratio of chocolate cones to vanilla cones sold?
- 8) For every 9 PS3 games Lana owned she had 7 Wii games. What is her ratio of Wii games to PS3 games?
- 9) At the burger shop the ratio of regular sodas sold to diet sodas sold was 4:6. For every _____ regular sodas sold there are _____ diet sodas sold.
- 10) At the pet store the ratio of dogs to cats was 3:6. For every _____ cats there are _____ dogs.
- 11) At the the thrift store the ratio of long sleeve shirts to short sleeve shirts was 8:4. For every _____ short sleeve shirts there were _____ long sleeve shirts.
- 12) The ratio of boys to girls on a softball team was 6:7. For every _____ girls there are _____ boys.

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____



Solve each problem.

Ex) In a neighborhood for every 7 new homes there were 2 old homes. What is the ratio of old homes to new homes?

- 1) At the carnival the ratio of rides to games was 3:4. For every 3 rides there are 4 games.
- 2) For every 4 cars in a parking lot there are 5 trucks. What is the ratio of cars to trucks in the parking lot?
- 3) For every 6 green apples in an orchard there were 4 red apples. What is the ratio of green apples to red apples?
- 4) For every 4 small popcorns sold at the theater there were 9 large popcorns sold. What is the ratio of small popcorns sold to large popcorns sold?
- 5) For every 4 hotdogs sold at the malt shop there are 6 hamburgers sold. What is the ratio of hotdogs sold to hamburgers sold?
- 6) In the class election for every 2 Bianca Bianca got, Cody got 3 Cody. What is the ratio of votes for Bianca to votes for Cody?
- 7) At an icecream shop for every 6 chocolate cones sold there were 9 vanilla cones sold. What is the ratio of chocolate cones to vanilla cones sold?
- 8) For every 9 PS3 games Lana owned she had 7 Wii games. What is her ratio of Wii games to PS3 games?
- 9) At the burger shop the ratio of regular sodas sold to diet sodas sold was 4:6. For every 4 regular sodas sold there are 6 diet sodas sold.
- 10) At the pet store the ratio of dogs to cats was 3:6. For every 6 cats there are 3 dogs.
- 11) At the the thrift store the ratio of long sleeve shirts to short sleeve shirts was 8:4. For every 4 short sleeve shirts there were 8 long sleeve shirts.
- 12) The ratio of boys to girls on a softball team was 6:7. For every 7 girls there are 6 boys.

Answers

Ex.	<u>2:7</u>
1.	<u>3</u> <u>4</u>
2.	<u>4:5</u>
3.	<u>6:4</u>
4.	<u>4:9</u>
5.	<u>4:6</u>
6.	<u>2:3</u>
7.	<u>6:9</u>
8.	<u>7:9</u>
9.	<u>4</u> <u>6</u>
10.	<u>6</u> <u>3</u>
11.	<u>4</u> <u>8</u>
12.	<u>7</u> <u>6</u>



Solve each problem.

Answers

- Ex) At the the thrift store the ratio of long sleeve shirts to short sleeve shirts was 8:7. For every 8 long sleeve shirts there were 7 short sleeve shirts.
- 1) For every 6 onions on a burger there are 5 pickles. What is the ratio of pickles to onions?
- 2) For every 3 males birds in a bird cage there are 6 females. What is the ratio of males to females?
- 3) In the class election for every 2 Katie Katie got, Jerry got 5 Jerry. What is the ratio of votes for Katie to votes for Jerry?
- 4) In a neighborhood the ratio of old homes to new homes was 5:9. For every _____ new homes in the neighborhood there were _____ old homes.
- 5) For every 6 girls on a softball team there are 9 boys. What is the ratio of boys to girls?
- 6) At an icecream shop the ratio of chocolate cones sold to vanilla cones cones sold was 5:3. For every _____ vanilla cones sold there were _____ chocolate cones sold.
- 7) In a bag of candy the ratio of chocolate pieces to sugar pieces was 6:7. For every _____ sugar pieces there are _____ chocolate pieces.
- 8) At the burger shop the ratio of regular sodas sold to diet sodas sold was 4:9. For every _____ regular sodas sold there are _____ diet sodas sold.
- 9) For every 8 hamburgers sold at the malt shop there are 6 hotdogs sold. What is the ratio of hotdogs sold to hamburgers sold?
- 10) For every 9 dogs at the pet shelter there are 6 cats. What is the ratio of dogs to cats?
- 11) The ratio of Wii games to PS3 games Paul owned was 5:3. For every _____ Wii games he owned he had _____ PS3 games.
- 12) For every 4 small popcorns sold at the theater there were 9 large popcorns sold. What is the ratio of small popcorns sold to large popcorns sold?

- Ex. 8 7
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____



Solve each problem.

- Ex) At the the thrift store the ratio of long sleeve shirts to short sleeve shirts was 8:7. For every 8 long sleeve shirts there were 7 short sleeve shirts.
- 1) For every 6 onions on a burger there are 5 pickles. What is the ratio of pickles to onions?
- 2) For every 3 males birds in a bird cage there are 6 females. What is the ratio of males to females?
- 3) In the class election for every 2 Katie Katie got, Jerry got 5 Jerry. What is the ratio of votes for Katie to votes for Jerry?
- 4) In a neighborhood the ratio of old homes to new homes was 5:9. For every 9 new homes in the neighborhood there were 5 old homes.
- 5) For every 6 girls on a softball team there are 9 boys. What is the ratio of boys to girls?
- 6) At an icecream shop the ratio of chocolate cones sold to vanilla cones cones sold was 5:3. For every 3 vanilla cones sold there were 5 chocolate cones sold.
- 7) In a bag of candy the ratio of chocolate pieces to sugar pieces was 6:7. For every 7 sugar pieces there are 6 chocolate pieces.
- 8) At the burger shop the ratio of regular sodas sold to diet sodas sold was 4:9. For every 4 regular sodas sold there are 9 diet sodas sold.
- 9) For every 8 hamburgers sold at the malt shop there are 6 hotdogs sold. What is the ratio of hotdogs sold to hamburgers sold?
- 10) For every 9 dogs at the pet shelter there are 6 cats. What is the ratio of dogs to cats?
- 11) The ratio of Wii games to PS3 games Paul owned was 5:3. For every 5 Wii games he owned he had 3 PS3 games.
- 12) For every 4 small popcorns sold at the theater there were 9 large popcorns sold. What is the ratio of small popcorns sold to large popcorns sold?

Answers

Ex.	<u>8</u>	<u>7</u>
1.	<u>5:6</u>	
2.	<u>3:6</u>	
3.	<u>2:5</u>	
4.	<u>9</u>	<u>5</u>
5.	<u>9:6</u>	
6.	<u>3</u>	<u>5</u>
7.	<u>7</u>	<u>6</u>
8.	<u>4</u>	<u>9</u>
9.	<u>6:8</u>	
10.	<u>9:6</u>	
11.	<u>5</u>	<u>3</u>
12.	<u>4:9</u>	

**Solve each problem.****Answers**

- Ex)** For every 3 small popcorns sold at the theater there were 5 large popcorns sold. What is the ratio of small popcorns sold to large popcorns sold?
- 1) For every 9 dogs at the pet shelter there are 6 cats. What is the ratio of dogs to cats?
- 2) For every 9 diet sodas a burger shop sold there were 3 regular sodas sold. What is the ratio of regular sodas sold to diet sodas sold?
- 3) In a neighborhood for every 6 new homes there were 2 old homes. What is the ratio of old homes to new homes?
- 4) The ratio of pickles to onions on a burger was 8:2. For every _____ onions there are _____ pickles.
- 5) For every 8 females birds in a bird cage there are 5 males. What is the ratio of males to females?
- 6) At the thrift store for every 4 long sleeve shirts there were 5 short sleeve shirts. What is the ratio of long sleeve shirts to short sleeve shirts?
- 7) For every 8 trucks in a parking lot there are 9 cars. What is the ratio of cars to trucks in the parking lot?
- 8) At the store the ratio of books sold to movies sold was 4:8. For every _____ books sold there were _____ movies sold.
- 9) In a bag of candy the ratio of chocolate pieces to sugar pieces was 5:9. For every _____ chocolate pieces there are _____ sugar pieces.
- 10) During the class election the ratio of votes for Olivia to votes for Dave was 9:6. For every _____ votes Dave got Olivia got _____.
- 11) At the malt shop the ratio of hotdogs sold to hamburgers sold was 4:7. For every _____ hotdogs sold there were _____ hamburgers sold.
- 12) The ratio of boys to girls on a softball team was 8:3. For every _____ boys there are _____ girls.

- Ex. 3:5
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____



Solve each problem.

- Ex) For every 3 small popcorns sold at the theater there were 5 large popcorns sold. What is the ratio of small popcorns sold to large popcorns sold?
- 1) For every 9 dogs at the pet shelter there are 6 cats. What is the ratio of dogs to cats?
- 2) For every 9 diet sodas a burger shop sold there were 3 regular sodas sold. What is the ratio of regular sodas sold to diet sodas sold?
- 3) In a neighborhood for every 6 new homes there were 2 old homes. What is the ratio of old homes to new homes?
- 4) The ratio of pickles to onions on a burger was 8:2. For every 2 onions there are 8 pickles.
- 5) For every 8 females birds in a bird cage there are 5 males. What is the ratio of males to females?
- 6) At the thrift store for every 4 long sleeve shirts there were 5 short sleeve shirts. What is the ratio of long sleeve shirts to short sleeve shirts?
- 7) For every 8 trucks in a parking lot there are 9 cars. What is the ratio of cars to trucks in the parking lot?
- 8) At the store the ratio of books sold to movies sold was 4:8. For every 4 books sold there were 8 movies sold.
- 9) In a bag of candy the ratio of chocolate pieces to sugar pieces was 5:9. For every 5 chocolate pieces there are 9 sugar pieces.
- 10) During the class election the ratio of votes for Olivia to votes for Dave was 9:6. For every 6 votes Dave got Olivia got 9.
- 11) At the malt shop the ratio of hotdogs sold to hamburgers sold was 4:7. For every 4 hotdogs sold there were 7 hamburgers sold.
- 12) The ratio of boys to girls on a softball team was 8:3. For every 8 boys there are 3 girls.

Answers

Ex.	<u>3:5</u>
1.	<u>9:6</u>
2.	<u>3:9</u>
3.	<u>2:6</u>
4.	<u>2</u> <u>8</u>
5.	<u>5:8</u>
6.	<u>4:5</u>
7.	<u>9:8</u>
8.	<u>4</u> <u>8</u>
9.	<u>5</u> <u>9</u>
10.	<u>6</u> <u>9</u>
11.	<u>4</u> <u>7</u>
12.	<u>8</u> <u>3</u>