



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.

Ex. 6 5

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?

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

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.

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

3) At the carnival the ratio of rides to games was 3:5. For every \_\_\_\_\_ rides there are \_\_\_\_\_ games.

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

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.

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

5) At an orchard the ratio of green apples to red apples was 5:6. For every \_\_\_\_\_ red apples there were \_\_\_\_\_ green apples.

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

6) At the store the ratio of books sold to movies sold was 8:5. For every \_\_\_\_\_ movies sold there were \_\_\_\_\_ books sold.

6. \_\_\_\_\_

7) For every 8 Wii games Olivia owned she had 3 PS3 games. What is her ratio of Wii games to PS3 games?

7. \_\_\_\_\_

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?

8. \_\_\_\_\_

9) At the pet store the ratio of dogs to cats was 4:6. For every \_\_\_\_\_ cats there are \_\_\_\_\_ dogs.

9. \_\_\_\_\_

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.

10. \_\_\_\_\_

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 \_\_\_\_\_.

11. \_\_\_\_\_

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?

12. \_\_\_\_\_



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