



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 \_\_\_\_\_ 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?

**Answers**

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



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- Ex) The ratio of males to females birds in a bird cage was 9:2. For every 9 males there are 2 females.
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  - 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?
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**Answers**

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