



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. \_\_\_\_\_



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  - 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