



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?

Ex. 3:5

1) For every 9 dogs at the pet shelter there are 6 cats. What is the ratio of dogs to cats?

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

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?

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

3) In a neighborhood for every 6 new homes there were 2 old homes. What is the ratio of old homes to new homes?

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

4) The ratio of pickles to onions on a burger was 8:2. For every \_\_\_\_\_ onions there are \_\_\_\_\_ pickles.

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

5) For every 8 females birds in a bird cage there are 5 males. What is the ratio of males to females?

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

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?

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

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?

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

8) At the store the ratio of books sold to movies sold was 4:8. For every \_\_\_\_\_ books sold there were \_\_\_\_\_ movies sold.

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

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.

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

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 \_\_\_\_\_.

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

11) At the malt shop the ratio of hotdogs sold to hamburgers sold was 4:7. For every \_\_\_\_\_ hotdogs sold there were \_\_\_\_\_ hamburgers sold.

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

12) The ratio of boys to girls on a softball team was 8:3. For every \_\_\_\_\_ boys there are \_\_\_\_\_ girls.

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



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