



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 \_\_\_\_\_.

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

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.

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

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?

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

4) For every 8 boys on a softball team there are 7 girls. What is the ratio of boys to girls?

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

5) At the carnival the ratio of rides to games was 7:6. For every \_\_\_\_\_ rides there are \_\_\_\_\_ games.

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

6) The ratio of cars to trucks in a parking lot was 7:6. For every \_\_\_\_\_ cars there were \_\_\_\_\_ trucks.

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

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.

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

8) The ratio of pickles to onions on a burger was 8:9. For every \_\_\_\_\_ onions there are \_\_\_\_\_ pickles.

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

9) At the store for every 9 books sold there were 4 movies sold. What is the ratio of books sold to movies sold?

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

10) In a neighborhood for every 9 old homes there were 3 new homes. What is the ratio of old homes to new homes?

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

11) At the pet store the ratio of dogs to cats was 9:5. For every \_\_\_\_\_ dogs there are \_\_\_\_\_ cats.

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

12) For every 3 PS3 games Emily owned she had 5 Wii games. What is her ratio of Wii games to PS3 games?

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