



Solve each problem.

**Answers**

Ex) In a neighborhood for every 7 new homes there were 2 old homes. What is the ratio of old homes to new homes?

Ex. 2:7

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

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

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

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

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

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

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

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

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

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

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

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

1) At the carnival the ratio of rides to games was 3:4. For every \_\_\_\_\_ rides there are \_\_\_\_\_ games.

2) For every 4 cars in a parking lot there are 5 trucks. What is the ratio of cars to trucks in the parking lot?

3) For every 6 green apples in an orchard there were 4 red apples. What is the ratio of green apples to red apples?

4) For every 4 small popcorns sold at the theater there were 9 large popcorns sold. What is the ratio of small popcorns sold to large popcorns sold?

5) For every 4 hotdogs sold at the malt shop there are 6 hamburgers sold. What is the ratio of hotdogs sold to hamburgers sold?

6) In the class election for every 2 Nancy Nancy got, Will got 3 Will. What is the ratio of votes for Nancy to votes for Will?

7) At an icecream shop for every 6 chocolate cones sold there were 9 vanilla cones sold. What is the ratio of chocolate cones to vanilla cones sold?

8) For every 9 PS3 games Faye owned she had 7 Wii games. What is her ratio of Wii games to PS3 games?

9) At the burger shop the ratio of regular sodas sold to diet sodas sold was 4:6. For every \_\_\_\_\_ regular sodas sold there are \_\_\_\_\_ diet sodas sold.

10) At the pet store the ratio of dogs to cats was 3:6. For every \_\_\_\_\_ cats there are \_\_\_\_\_ dogs.

11) At the the thrift store the ratio of long sleeve shirts to short sleeve shirts was 8:4. For every \_\_\_\_\_ short sleeve shirts there were \_\_\_\_\_ long sleeve shirts.

12) The ratio of boys to girls on a softball team was 6:7. For every \_\_\_\_\_ girls there are \_\_\_\_\_ boys.



Solve each problem.

- Ex) In a neighborhood for every 7 new homes there were 2 old homes. What is the ratio of old homes to new homes?
- 1) At the carnival the ratio of rides to games was 3:4. For every 3 rides there are 4 games.
  - 2) For every 4 cars in a parking lot there are 5 trucks. What is the ratio of cars to trucks in the parking lot?
  - 3) For every 6 green apples in an orchard there were 4 red apples. What is the ratio of green apples to red apples?
  - 4) For every 4 small popcorns sold at the theater there were 9 large popcorns sold. What is the ratio of small popcorns sold to large popcorns sold?
  - 5) For every 4 hotdogs sold at the malt shop there are 6 hamburgers sold. What is the ratio of hotdogs sold to hamburgers sold?
  - 6) In the class election for every 2 Nancy Nancy got, Will got 3 Will. What is the ratio of votes for Nancy to votes for Will?
  - 7) At an icecream shop for every 6 chocolate cones sold there were 9 vanilla cones sold. What is the ratio of chocolate cones to vanilla cones sold?
  - 8) For every 9 PS3 games Faye owned she had 7 Wii games. What is her ratio of Wii games to PS3 games?
  - 9) At the burger shop the ratio of regular sodas sold to diet sodas sold was 4:6. For every 4 regular sodas sold there are 6 diet sodas sold.
  - 10) At the pet store the ratio of dogs to cats was 3:6. For every 6 cats there are 3 dogs.
  - 11) At the the thrift store the ratio of long sleeve shirts to short sleeve shirts was 8:4. For every 4 short sleeve shirts there were 8 long sleeve shirts.
  - 12) The ratio of boys to girls on a softball team was 6:7. For every 7 girls there are 6 boys.

**Answers**

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