



Solve each problem.

**Answers**

Ex) At the the thrift store the ratio of long sleeve shirts to short sleeve shirts was 8:7. For every 8 long sleeve shirts there were 7 short sleeve shirts.

Ex. 8 7

1) For every 6 onions on a burger there are 5 pickles. What is the ratio of pickles to onions?

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

2) For every 3 males birds in a bird cage there are 6 females. What is the ratio of males to females?

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

3) In the class election for every 2 Katie Katie got, Jerry got 5 Jerry. What is the ratio of votes for Katie to votes for Jerry?

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

4) In a neighborhood the ratio of old homes to new homes was 5:9. For every \_\_\_\_\_ new homes in the neighborhood there were \_\_\_\_\_ old homes.

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

5) For every 6 girls on a softball team there are 9 boys. What is the ratio of boys to girls?

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

6) At an icecream shop the ratio of chocolate cones sold to vanilla cones cones sold was 5:3. For every \_\_\_\_\_ vanilla cones sold there were \_\_\_\_\_ chocolate cones sold.

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

7) In a bag of candy the ratio of chocolate pieces to sugar pieces was 6:7. For every \_\_\_\_\_ sugar pieces there are \_\_\_\_\_ chocolate pieces.

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

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

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

9) For every 8 hamburgers sold at the malt shop there are 6 hotdogs sold. What is the ratio of hotdogs sold to hamburgers sold?

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

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

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

11) The ratio of Wii games to PS3 games Paul owned was 5:3. For every \_\_\_\_\_ Wii games he owned he had \_\_\_\_\_ PS3 games.

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

12) 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?

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



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- 1) For every 6 onions on a burger there are 5 pickles. What is the ratio of pickles to onions?
  - 2) For every 3 males birds in a bird cage there are 6 females. What is the ratio of males to females?
  - 3) In the class election for every 2 Katie Katie got, Jerry got 5 Jerry. What is the ratio of votes for Katie to votes for Jerry?
  - 4) In a neighborhood the ratio of old homes to new homes was 5:9. For every 9 new homes in the neighborhood there were 5 old homes.
  - 5) For every 6 girls on a softball team there are 9 boys. What is the ratio of boys to girls?
  - 6) At an icecream shop the ratio of chocolate cones sold to vanilla cones cones sold was 5:3. For every 3 vanilla cones sold there were 5 chocolate cones sold.
  - 7) In a bag of candy the ratio of chocolate pieces to sugar pieces was 6:7. For every 7 sugar pieces there are 6 chocolate pieces.
  - 8) At the burger shop the ratio of regular sodas sold to diet sodas sold was 4:9. For every 4 regular sodas sold there are 9 diet sodas sold.
  - 9) For every 8 hamburgers sold at the malt shop there are 6 hotdogs sold. What is the ratio of hotdogs sold to hamburgers sold?
  - 10) For every 9 dogs at the pet shelter there are 6 cats. What is the ratio of dogs to cats?
  - 11) The ratio of Wii games to PS3 games Paul owned was 5:3. For every 5 Wii games he owned he had 3 PS3 games.
  - 12) 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?

**Answers**

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