

**Solve each problem.****Answers**

Ex) During the class election the ratio of votes for Emily to votes for Roger was 2:4. For every 4 votes Roger got Emily got 2.

Ex. 4 2

1) At the thrift store for every 5 long sleeve shirts there were 7 short sleeve shirts. What is the ratio of long sleeve shirts to short sleeve shirts?

1. _____

2) At an icecream shop the ratio of chocolate cones sold to vanilla cones sold was 2:6. For every _____ vanilla cones sold there were _____ chocolate cones sold.

2. _____

3) For every 3 hamburgers sold at the malt shop there are 2 hotdogs sold. What is the ratio of hotdogs sold to hamburgers sold?

3. _____

4) For every 8 females birds in a bird cage there are 9 males. What is the ratio of males to females?

4. _____

5) The ratio of boys to girls on a softball team was 3:2. For every _____ boys there are _____ girls.

5. _____

6) For every 5 games at the fair there are 3 rides. What is the ratio of rides to games?

6. _____

7) For every 6 diet sodas a burger shop sold there were 3 regular sodas sold. What is the ratio of regular sodas sold to diet sodas sold?

7. _____

8) At the movie theater the ratio of small popcorns sold to large popcorns sold was 2:6. For every _____ large popcorns sold there are _____ small popcorns sold.

8. _____

9) The ratio of Wii games to PS3 games Frank owned was 8:5. For every _____ PS3 games he owned he had _____ Wii games.

9. _____

10) At the pet store the ratio of dogs to cats was 8:6. For every _____ cats there are _____ dogs.

10. _____

11) The ratio of pickles to onions on a burger was 2:8. For every _____ onions there are _____ pickles.

11. _____

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

12. _____



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- 6) For every 5 games at the fair there are 3 rides. What is the ratio of rides to games?
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- 9) The ratio of Wii games to PS3 games Frank owned was 8:5. For every 5 PS3 games he owned he had 8 Wii games.
- 10) At the pet store the ratio of dogs to cats was 8:6. For every 6 cats there are 8 dogs.
- 11) The ratio of pickles to onions on a burger was 2:8. For every 8 onions there are 2 pickles.
- 12) In a neighborhood for every 2 old homes there were 7 new homes. What is the ratio of old homes to new homes?

AnswersEx. 4 21. 5:72. 6 23. 2:34. 9:85. 3 26. 3:57. 3:68. 6 29. 5 810. 6 811. 8 212. 2:7