

Solve each problem.

Ex) For every 5 cats at the pet shelter there are 7 dogs. What is the ratio of dogs to cats?

**Answers**

Ex. 7:5

- 1) For every 5 large popcorns sold at the theater there were 3 small popcorns sold. What is the ratio of small popcorns sold to large popcorns sold?
- 2) At the store the ratio of books sold to movies sold was 4:5. For every \_\_\_\_\_ books sold there were \_\_\_\_\_ movies sold.
- 3) During the class election the ratio of votes for Rachel to votes for Sam was 9:7. For every \_\_\_\_\_ votes Sam got Rachel got \_\_\_\_\_.
- 4) At an orchard the ratio of green apples to red apples was 5:3. For every \_\_\_\_\_ green apples there were \_\_\_\_\_ red apples.
- 5) For every 9 Wii games Bianca owned she had 2 PS3 games. What is her ratio of Wii games to PS3 games?
- 6) For every 6 onions on a burger there are 7 pickles. What is the ratio of pickles to onions?
- 7) At an icecream shop for every 3 vanilla cones sold there were 2 chocolate cones sold. What is the ratio of chocolate cones to vanilla cones sold?
- 8) For every 4 diet sodas a burger shop sold there were 7 regular sodas sold. What is the ratio of regular sodas sold to diet sodas sold?
- 9) In a neighborhood for every 7 old homes there were 5 new homes. What is the ratio of old homes to new homes?
- 10) In a bag of candy for every 6 chocolate pieces there are 9 sugar pieces. What is the ratio of chocolate pieces to sugar pieces?
- 11) At the malt shop the ratio of hotdogs sold to hamburgers sold was 9:2. For every \_\_\_\_\_ hamburgers sold there were \_\_\_\_\_ hotdogs sold.
- 12) The ratio of boys to girls on a softball team was 2:3. For every \_\_\_\_\_ boys there are \_\_\_\_\_ girls.

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Solve each problem.

Answers

- 1) At summer camp the ratio of boys to girls was 10 : 1. If there were 30 boys, how many girls were there?
- 2) A small school has 42 boys. If the ratio of boys to girls is 7 : 1, how many, students are there total?
- 3) A chess player played 44 games total. If he won 16 of the games, what is the ratio of games he lost to games he won?
- 4) In one day a movie store rented out 15 comedies. If the ratio of comedies rented to action movies rented was 3 : 1, how many action movies were rented?
- 5) A fast food restaurant sold 30 burgers with cheese. If the ratio of burgers sold with cheese compared to without cheese was 10 : 7, how many burgers did they sell total?
- 6) A small school has 78 students. If 24 of the students are boys, what is the ratio of girls to boys?
- 7) The ratio of white chocolate to dark chocolate sold at a candy shop was 4 : 3. If there were 20 bars of white chocolate sold, how many bars of dark chocolate were sold?
- 8) Kaleb deleted 20 songs from his MP3 player. If the ratio of songs he deleted to songs he kept was 10 : 3, how many songs did he originally have on his MP3 player?
- 9) A produce store offers red and green apples. In one morning they sold 85 apples total. If 40 of the apples they sold were red, what is the ratio of green apples sold to red apples sold?
- 10) Victor was playing checkers with a friend. The ratio of games Victor won was 9 : 5. If Victor won 36 games, how many games did his friend win?

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