

**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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**Answers**

1. 3
2. 48
3. 7 : 4
4. 5
5. 51
6. 9 : 4
7. 15
8. 26
9. 9 : 8
10. 20



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7 : 4

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51

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9 : 8

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