

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

- 1) Luke was playing checkers with a friend. The ratio of games Luke won was 4 : 3. If Luke won 16 games, how many games did his friend win?
- 2) Tom had beaten 10 levels in a video game. If the ratio of levels he had beaten to not beaten was 5 : 2, how many levels does the game have total?
- 3) Mike had 70 songs on his MP3 player. If he deleted 21 songs, what is the ratio of songs he kept to songs he deleted?
- 4) At an ice cream shop the ratio of sugar cones sold to waffle cones sold is 7 : 2. If there are 14 sugar cones sold, how many waffles cones would be sold?
- 5) Ned was playing 'Connect Four' with a friend. The ratio of games he won to games he lost was 9 : 4, if he won 36 games, how many games did they play total?
- 6) At a carnival Adam bought 65 tickets. If he used 25 tickets trying to win the ring toss game, what is the ratio of tickets he has to tickets he's used?
- 7) At the carnival, the ratio of people who won the ring toss game to lost it was 10 : 1. If 90 people won, how many people would have lost?
- 8) A fast food restaurant sold 56 burgers with cheese. If the ratio of burgers sold with cheese compared to without cheese was 7 : 5, how many burgers did they sell total?
- 9) During a period of 63 minutes, a music station played 28 minutes of commercials. What is the ratio of music they played to commercials they played?
- 10) During a race Gwen jogged for 27 minutes. If the ratio of time she jogged to time she walked was 9 : 2, how many minutes did Gwen walk?

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**Answers**

1. 12
2. 14
3. 7 : 3
4. 4
5. 52
6. 8 : 5
7. 9
8. 96
9. 5 : 4
10. 6



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**Answers**

12

7 : 3

4

9

96

5 : 4

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52

14

8 : 5

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