

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

- 1) A vendor sold 72 hotdogs during a football game. If the ratio of hotdogs to hamburgers sold was  $9 : 4$ , how many hamburgers did the vendor sell?
- 2) A farm had 18 cows. If the ratio of cows to horses was  $9 : 7$ , what is the combined amount of cows and horses?
- 3) A produce store offers red and green apples. In one morning they sold 70 apples total. If 7 of the apples they sold were red, what is the ratio of green apples sold to red apples sold?
- 4) During the lunch break a deli sold 8 large sodas. If the ratio of large sodas sold to small sodas sold was  $2 : 1$ , how many small sodas were sold?
- 5) Sam had beaten 32 levels in a video game. If the ratio of levels he had beaten to not beaten was  $8 : 7$ , how many levels does the game have total?
- 6) On a Saturday, a library checked out 26 books. If 12 of the books were fiction, what is the ratio of non-fiction books to fiction books checked out?
- 7) During a race Gwen jogged for 90 minutes. If the ratio of time she jogged to time she walked was  $10 : 3$ , how many minutes did Gwen walk?
- 8) Victor deleted 36 songs from his MP3 player. If the ratio of songs he deleted to songs he kept was  $4 : 1$ , how many songs did he originally have on his MP3 player?
- 9) During a period of 36 minutes, a music station played 9 minutes of commercials. What is the ratio of music they played to commercials they played?
- 10) At the carnival, the ratio of people who won the ring toss game to lost it was  $7 : 3$ . If 14 people won, how many people would have lost?

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1. **32**
2. **32**
3. **9 : 1**
4. **4**
5. **60**
6. **7 : 6**
7. **27**
8. **45**
9. **3 : 1**
10. **6**



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