

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

- 1) During a class election 16 students voted for candidate A. If the ratio of votes for candidate A to the votes for candidate B was 4 : 1, how many votes did candidate B receive?
- 2) While completing a race, Luke spent 42 minutes walking. If his ratio of time walking to jogging was 6 : 5, how many minutes did he spend completing the race?
- 3) For an art show, an artist painted 75 pictures. During the show he sold 35 of his pictures. What is the ratio of pictures he still has to pictures he sold?
- 4) The ratio of red cars to blue cars in a parking lot was 7 : 3. If there were 28 red cars, how many blue cars were there?
- 5) George deleted 45 songs from his MP3 player. If the ratio of songs he deleted to songs he kept was 5 : 4, how many songs did he originally have on his MP3 player?
- 6) A parking lot has 66 spaces total. If 12 of the spaces have cars in them, what is the ratio of empty spaces to filled spaces?
- 7) Oliver was playing checkers with a friend. The ratio of games Oliver won was 9 : 1. If Oliver won 72 games, how many games did his friend win?
- 8) A farm had 6 cows. If the ratio of cows to horses was 3 : 1, what is the combined amount of cows and horses?
- 9) Frank had 39 songs on his MP3 player. If he deleted 15 songs, what is the ratio of songs he kept to songs he deleted?
- 10) At a restaurant the ratio of kids meals sold to adult meals sold was 10 : 7. If there were 30 kids meals sold, how many adult meals were sold?

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1. **4**
2. **77**
3. **8 : 7**
4. **12**
5. **81**
6. **9 : 2**
7. **8**
8. **8**
9. **8 : 5**
10. **21**



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8	8 : 7	8	8 : 5	9 : 2
4	77	21	12	81

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