

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

- 1) At the carnival, the ratio of people who won the ring toss game to lost it was 8 : 3. If 56 people won, how many people would have lost?
- 2) While completing a race, Oliver spent 42 minutes walking. If his ratio of time walking to jogging was 6 : 1, how many minutes did he spend completing the race?
- 3) A restaurant offers diet soda and regular soda. In one day they sold 30 sodas. If 9 of the sodas they sold were diet, what is the ratio of regular sodas sold to diet sodas sold?
- 4) At a pet store the ratio of cats to dogs sold was 7 : 5. If there were 28 cats that were sold, how many dogs were sold?
- 5) Kaleb deleted 36 songs from his MP3 player. If the ratio of songs he deleted to songs he kept was 4 : 3, how many songs did he originally have on his MP3 player?
- 6) During a period of 24 minutes, a music station played 9 minutes of commercials. What is the ratio of music they played to commercials they played?
- 7) During the lunch break a deli sold 50 large sodas. If the ratio of large sodas sold to small sodas sold was 10 : 1, how many small sodas were sold?
- 8) A pet store sold 40 siamese cats. If the ratio of siamese cats to house cats sold was 8 : 1, what is the combined amount of cats sold?
- 9) A parking lot has 56 spaces total. If 7 of the spaces have cars in them, what is the ratio of empty spaces to filled spaces?
- 10) Sam was playing checkers with a friend. The ratio of games Sam won was 9 : 4. If Sam won 63 games, how many games did his friend win?

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

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Answers

1. **21**
2. **49**
3. **7 : 3**
4. **20**
5. **63**
6. **5 : 3**
7. **5**
8. **45**
9. **7 : 1**
10. **28**



Solve each problem.

Answers

5

63

28

7 : 1

5 : 3

1. _____

45

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21

20

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2. _____

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3. _____

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6. _____

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9. _____

10. _____