

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

- 1) Mike was playing checkers with a friend. The ratio of games Mike won was 7 : 4. If Mike won 49 games, how many games did his friend win?
- 2) At a bake sale there were 18 raisin cookies sold. If the ratio of raisin cookies sold to oatmeal cookies sold was 9 : 5, what is the combined amount of raisin and oatmeal cookies sold?
- 3) Dave had 50 songs on his MP3 player. If he deleted 5 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 3 : 1. If there are 9 sugar cones sold, how many waffles cones would be sold?
- 5) A small school has 30 boys. If the ratio of boys to girls is 6 : 1, how many, students are there total?
- 6) A cafeteria offered two types of milk, regular or chocolate. If they sold 81 cartons total and 18 of them were regular flavor, what is the ratio of chocolate milk sold to regular milk sold?
- 7) At a farm the ratio of cows to horses was 8 : 7. If there were 56 cows at the farm, how many horses were there?
- 8) A teacher had 35 red pens. If the ratio of red pens to blue pens she owned was 5 : 1, how many pens did she have total?
- 9) A restaurant offers diet soda and regular soda. In one day they sold 63 sodas. If 7 of the sodas they sold were diet, what is the ratio of regular sodas sold to diet sodas sold?
- 10) The ratio of red cars to blue cars in a parking lot was 2 : 1. If there were 12 red cars, how many blue cars were there?

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1. **28**
2. **28**
3. **9 : 1**
4. **3**
5. **35**
6. **7 : 2**
7. **49**
8. **42**
9. **8 : 1**
10. **6**



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Answers

35	28	28	3	9 : 1
42	7 : 2	8 : 1	6	49

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