

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

- 1) The ratio of red cars to blue cars in a parking lot was  $7 : 3$ . If there were 63 red cars, how many blue cars were there?
- 2) A small school has 30 boys. If the ratio of boys to girls is  $6 : 5$ , how many, students are there total?
- 3) Mike had 33 songs on his MP3 player. If he deleted 9 songs, what is the ratio of songs he kept to songs he deleted?
- 4) A recipe called for the ratio of sugar to flour to be  $5 : 2$ . If you used 20 ounce of sugar, how many ounces of flour would you need to use?
- 5) A produce store sold 30 red apples. If the ratio of red apples to green apples sold was  $5 : 1$ , what is the combined amount of red and green apples sold?
- 6) A box of candy has 91 pieces total. If 21 of the pieces are cherry flavored, what is the ratio of other flavors to cherry flavored pieces?
- 7) At the carnival, the ratio of people who won the ring toss game to lost it was  $7 : 2$ . If 42 people won, how many people would have lost?
- 8) A parking lot has 16 empty space. If the ratio of empty spaces to taken spaces is  $8 : 1$ , how many spaces are there total?
- 9) During a class election 35 people voted for candidate A. If there were 98 votes total, what is the ratio of votes for candidate B compared to candidate A?
- 10) During the lunch break a deli sold 12 large sodas. If the ratio of large sodas sold to small sodas sold was  $4 : 3$ , how many small sodas were sold?

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**Answers**

1. **27**
2. **55**
3. **8 : 3**
4. **8**
5. **36**
6. **10 : 3**
7. **12**
8. **18**
9. **9 : 5**
10. **9**



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