

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

- 1) At summer camp the ratio of boys to girls was $10 : 1$. If there were 20 boys, how many girls were there?
- 2) A restaurant offers diet soda and regular soda. In one day they sold 40 diet sodas. If the ratio of diet sodas sold to regular sodas sold was $8 : 7$, how many sodas were sold total?
- 3) For an art show, an artist painted 65 pictures. During the show he sold 30 of his pictures. What is the ratio of pictures he still has to pictures he sold?
- 4) During Christmas a book store sold 14 books. If the ratio of books to bookmarks sold was $7 : 1$, how many bookmarks did the store sell?
- 5) A produce store sold 40 red apples. If the ratio of red apples to green apples sold was $5 : 2$, what is the combined amount of red and green apples sold?
- 6) A box of candy has 40 pieces total. If 15 of the pieces are cherry flavored, what is the ratio of other flavors to cherry flavored pieces?
- 7) Luke was playing checkers with a friend. The ratio of games Luke won was $10 : 7$. If Luke won 20 games, how many games did his friend win?
- 8) A pet store sold 42 siamese cats. If the ratio of siamese cats to house cats sold was $7 : 5$, what is the combined amount of cats sold?
- 9) A chess player played 33 games total. If he won 6 of the games, what is the ratio of games he lost to games he won?
- 10) The ratio of shoes sold to sandals sold was $9 : 8$. If there were 45 shoes sold, how many sandals were sold?

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1. **2**
2. **75**
3. **7 : 6**
4. **2**
5. **56**
6. **5 : 3**
7. **14**
8. **72**
9. **9 : 2**
10. **40**



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Answers

5 : 3

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40

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9 : 2

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