

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

- 1) During a race Gwen jogged for 70 minutes. If the ratio of time she jogged to time she walked was $10 : 3$, how many minutes did Gwen walk?
- 2) While completing a race, Kaleb spent 15 minutes walking. If his ratio of time walking to jogging was $3 : 2$, how many minutes did he spend completing the race?
- 3) During a class election 12 people voted for candidate A. If there were 28 votes total, what is the ratio of votes for candidate B compared to candidate A?
- 4) A recipe called for the ratio of sugar to flour to be $7 : 4$. If you used 21 ounce of sugar, how many ounces of flour would you need to use?
- 5) A pet store sold 10 siamese cats. If the ratio of siamese cats to house cats sold was $2 : 1$, what is the combined amount of cats sold?
- 6) A restaurant offers diet soda and regular soda. In one day they sold 66 sodas. If 30 of the sodas they sold were diet, what is the ratio of regular sodas sold to diet sodas sold?
- 7) During Christmas a book store sold 45 books. If the ratio of books to bookmarks sold was $9 : 1$, how many bookmarks did the store sell?
- 8) Luke was playing 'Connect Four' with a friend. The ratio of games he won to games he lost was $7 : 2$, if he won 56 games, how many games did they play total?
- 9) On a Saturday, a library checked out 22 books. If 6 of the books were fiction, what is the ratio of non-fiction books to fiction books checked out?
- 10) A video uploaded had 35 'up votes'. If the ratio of 'up votes' to 'down votes' was $5 : 3$, how many 'down votes' did the video get?

1. _____
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Answers

1. 21
2. 25
3. 4 : 3
4. 12
5. 15
6. 6 : 5
7. 5
8. 72
9. 8 : 3
10. 21



Solve each problem.

72	5	21	12	15
21	8 : 3	6 : 5	4 : 3	25

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