

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

- 1) A recipe called for the ratio of sugar to flour to be 4 : 1. If you used 28 ounce of sugar, how many ounces of flour would you need to use?
- 2) At a bake sale there were 48 raisin cookies sold. If the ratio of raisin cookies sold to oatmeal cookies sold was 8 : 5, what is the combined amount of raisin and oatmeal cookies sold?
- 3) For homework, a student had to complete 16 problems total. If she finished 6 problems in class, what is the ratio of problems she still needs to complete to problems that she's already finished?
- 4) In one day a movie store rented out 6 comedies. If the ratio of comedies rented to action movies rented was 3 : 1, how many action movies were rented?
- 5) A student finished 18 of her homework problems in class. If the ratio of problems she finished to problems she still had left was 6 : 1, how many homework problems did she have total?
- 6) A produce store offers red and green apples. In one morning they sold 48 apples total. If 20 of the apples they sold were red, what is the ratio of green apples sold to red apples sold?
- 7) The ratio of shoes sold to sandals sold was 10 : 7. If there were 40 shoes sold, how many sandals were sold?
- 8) A chess player won 32 of the games he played. If his ratio of wins to loses was 8 : 3, how many games did he play total?
- 9) A parking lot has 65 spaces total. If 30 of the spaces have cars in them, what is the ratio of empty spaces to filled spaces?
- 10) The ratio of red cars to blue cars in a parking lot was 4 : 3. If there were 20 red cars, how many blue cars were there?

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**Answers**

1. 7
2. 78
3. 5 : 3
4. 2
5. 21
6. 7 : 5
7. 28
8. 44
9. 7 : 6
10. 15



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|-------|----|-------|----|-------|
| 78    | 7  | 2     | 44 | 7 : 5 |
| 5 : 3 | 15 | 7 : 6 | 28 | 21    |

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