

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

- 1) At a pet store the ratio of cats to dogs sold was $3 : 1$. If there were 6 cats that were sold, how many dogs were sold?
- 2) A parking lot has 28 empty space. If the ratio of empty spaces to taken spaces is $7 : 4$, how many spaces are there total?
- 3) On a Saturday, a library checked out 21 books. If 7 of the books were fiction, what is the ratio of non-fiction books to fiction books checked out?
- 4) At summer camp the ratio of boys to girls was $5 : 2$. If there were 40 boys, how many girls were there?
- 5) A produce store sold 80 red apples. If the ratio of red apples to green apples sold was $10 : 1$, what is the combined amount of red and green apples sold?
- 6) A produce store offers red and green apples. In one morning they sold 14 apples total. If 6 of the apples they sold were red, what is the ratio of green apples sold to red apples sold?
- 7) At an ice cream shop the ratio of sugar cones sold to waffle cones sold is $7 : 5$. If there are 28 sugar cones sold, how many waffles cones would be sold?
- 8) A fast food restaurant sold 60 burgers with cheese. If the ratio of burgers sold with cheese compared to without cheese was $10 : 3$, how many burgers did they sell total?
- 9) During a period of 30 minutes, a music station played 6 minutes of commercials. What is the ratio of music they played to commercials they played?
- 10) A recipe called for the ratio of sugar to flour to be $10 : 7$. If you used 50 ounce of sugar, how many ounces of flour would you need to use?

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Answers

1. 2
2. 44
3. 2 : 1
4. 16
5. 88
6. 4 : 3
7. 20
8. 78
9. 4 : 1
10. 35



Solve each problem.

2 : 1	35	20	44	78
88	16	4 : 3	4 : 1	2

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