

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

- 1) At a pet store the ratio of cats to dogs sold was 5 : 3. If there were 20 cats that were sold, how many dogs were sold?
- 2) A produce store sold 45 red apples. If the ratio of red apples to green apples sold was 9 : 2, what is the combined amount of red and green apples sold?
- 3) A student bought 36 pencils for school. If he sharpened 6 of the pencils before school, what is his ratio of unsharpened pencils to sharpened pencils?
- 4) In one day a movie store rented out 30 comedies. If the ratio of comedies rented to action movies rented was 5 : 4, how many action movies were rented?
- 5) A fast food restaurant sold 35 burgers with cheese. If the ratio of burgers sold with cheese compared to without cheese was 7 : 5, how many burgers did they sell total?
- 6) For homework, a student had to complete 50 problems total. If she finished 5 problems in class, what is the ratio of problems she still needs to complete to problems that she's already finished?
- 7) During a race Gwen jogged for 54 minutes. If the ratio of time she jogged to time she walked was 6 : 1, how many minutes did Gwen walk?
- 8) During a class election the ratio of students who voted for candidate A compared to candidate B was 7 : 1. If candidate A received 35 votes, what is the combined amount of votes candidate A and candidate B received?
- 9) Luke had 52 dollars. If he spent 24 dollars on new books, what is the ratio of money he still has to money he's spent?
- 10) John was playing checkers with a friend. The ratio of games John won was 8 : 7. If John won 64 games, how many games did his friend win?

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**Answers**

1. **12**
2. **55**
3. **5 : 1**
4. **24**
5. **60**
6. **9 : 1**
7. **9**
8. **40**
9. **7 : 6**
10. **56**



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**Answers**

40	24	7 : 6	9 : 1	56
60	12	5 : 1	9	55

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