

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

- 1) During a class election 40 students voted for candidate A. If the ratio of votes for candidate A to the votes for candidate B was 8 : 3, how many votes did candidate B receive?
- 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 10 : 3, how many sodas were sold total?
- 3) Henry spent 16 minutes completing a race. He walked 2 minutes and jogged the rest. What is the ratio of time he jogged to time he walked?
- 4) At a pet store the ratio of cats to dogs sold was 9 : 1. If there were 72 cats that were sold, how many dogs were sold?
- 5) A fast food restaurant sold 10 burgers with cheese. If the ratio of burgers sold with cheese compared to without cheese was 5 : 3, how many burgers did they sell total?
- 6) For an art show, an artist painted 33 pictures. During the show he sold 6 of his pictures. What is the ratio of pictures he still has to pictures he sold?
- 7) A video uploaded had 49 'up votes'. If the ratio of 'up votes' to 'down votes' was 7 : 5, how many 'down votes' did the video get?
- 8) A produce store sold 49 red apples. If the ratio of red apples to green apples sold was 7 : 2, what is the combined amount of red and green apples sold?
- 9) Luke had 12 songs on his MP3 player. If he deleted 3 songs, what is the ratio of songs he kept to songs he deleted?
- 10) At the carnival, the ratio of people who won the ring toss game to lost it was 10 : 1. If 60 people won, how many people would have lost?

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Answers

1. 15
2. 52
3. 7 : 1
4. 8
5. 16
6. 9 : 2
7. 35
8. 63
9. 3 : 1
10. 6



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8	3 : 1	35	16	6
7 : 1	9 : 2	63	15	52

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