

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

- 1) During the lunch break a deli sold 14 large sodas. If the ratio of large sodas sold to small sodas sold was $7 : 1$, how many small sodas were sold?
- 2) A teacher had 40 red pens. If the ratio of red pens to blue pens she owned was $5 : 2$, how many pens did she have total?
- 3) At a carnival Jerry bought 99 tickets. If he used 45 tickets trying to win the ring toss game, what is the ratio of tickets he has to tickets he's used?
- 4) During a race Gwen jogged for 28 minutes. If the ratio of time she jogged to time she walked was $7 : 6$, how many minutes did Gwen walk?
- 5) A student finished 20 of her homework problems in class. If the ratio of problems she finished to problems she still had left was $4 : 1$, how many homework problems did she have total?
- 6) During a period of 36 minutes, a music station played 16 minutes of commercials. What is the ratio of music they played to commercials they played?
- 7) At the carnival, the ratio of people who won the ring toss game to lost it was $9 : 5$. If 72 people won, how many people would have lost?
- 8) Ned deleted 80 songs from his MP3 player. If the ratio of songs he deleted to songs he kept was $10 : 3$, how many songs did he originally have on his MP3 player?
- 9) A fast food restaurant sells two sizes of fries, small and large. On Friday they sold 35 fries total. If 14 of the fries sold were small, what is the ratio of large fries sold to small fries sold?
- 10) At summer camp the ratio of boys to girls was $4 : 3$. If there were 20 boys, how many girls were there?

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Answers

1. 2
2. 56
3. 6 : 5
4. 24
5. 25
6. 5 : 4
7. 40
8. 104
9. 3 : 2
10. 15



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2	15	104	40	24
25	56	6 : 5	5 : 4	3 : 2

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