

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

- 1) The ratio of white chocolate to dark chocolate sold at a candy shop was $9 : 1$. If there were 81 bars of white chocolate sold, how many bars of dark chocolate were sold?
- 2) Will had beaten 30 levels in a video game. If the ratio of levels he had beaten to not beaten was $5 : 2$, how many levels does the game have total?
- 3) At a carnival Paul bought 81 tickets. If he used 9 tickets trying to win the ring toss game, what is the ratio of tickets he has to tickets he's used?
- 4) At a pet store the ratio of cats to dogs sold was $8 : 7$. If there were 56 cats that were sold, how many dogs were sold?
- 5) At a restaurant the ratio of kids meals sold to adult meals sold was $2 : 1$. If there were 18 kids meals sold, what is the combined amount of kids and adult meals sold?
- 6) During a class election 40 people voted for candidate A. If there were 96 votes total, what is the ratio of votes for candidate B compared to candidate A?
- 7) The ratio of shoes sold to sandals sold was $7 : 6$. If there were 21 shoes sold, how many sandals were sold?
- 8) A restaurant offers diet soda and regular soda. In one day they sold 15 diet sodas. If the ratio of diet sodas sold to regular sodas sold was $3 : 2$, how many sodas were sold total?
- 9) Jerry had 27 dollars. If he spent 6 dollars on new books, what is the ratio of money he still has to money he's spent?
- 10) During a class election 48 students voted for candidate A. If the ratio of votes for candidate A to the votes for candidate B was $8 : 5$, how many votes did candidate B receive?

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|---|-----------------|
| 1) The ratio of white chocolate to dark chocolate sold at a candy shop was 9 : 1. If there were 81 bars of white chocolate sold, how many bars of dark chocolate were sold? | 1. <u>9</u> |
| 2) Will had beaten 30 levels in a video game. If the ratio of levels he had beaten to not beaten was 5 : 2, how many levels does the game have total? | 2. <u>42</u> |
| 3) At a carnival Paul bought 81 tickets. If he used 9 tickets trying to win the ring toss game, what is the ratio of tickets he has to tickets he's used? | 3. <u>8 : 1</u> |
| 4) At a pet store the ratio of cats to dogs sold was 8 : 7. If there were 56 cats that were sold, how many dogs were sold? | 4. <u>49</u> |
| 5) At a restaurant the ratio of kids meals sold to adult meals sold was 2 : 1. If there were 18 kids meals sold, what is the combined amount of kids and adult meals sold? | 5. <u>27</u> |
| 6) During a class election 40 people voted for candidate A. If there were 96 votes total, what is the ratio of votes for candidate B compared to candidate A? | 6. <u>7 : 5</u> |
| 7) The ratio of shoes sold to sandals sold was 7 : 6. If there were 21 shoes sold, how many sandals were sold? | 7. <u>18</u> |
| 8) A restaurant offers diet soda and regular soda. In one day they sold 15 diet sodas. If the ratio of diet sodas sold to regular sodas sold was 3 : 2, how many sodas were sold total? | 8. <u>25</u> |
| 9) Jerry had 27 dollars. If he spent 6 dollars on new books, what is the ratio of money he still has to money he's spent? | 9. <u>7 : 2</u> |
| 10) During a class election 48 students voted for candidate A. If the ratio of votes for candidate A to the votes for candidate B was 8 : 5, how many votes did candidate B receive? | 10. <u>30</u> |



Solve each problem.

Answers

25	7 : 5	49	9	42
8 : 1	18	7 : 2	30	27

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