



Understanding Ratios

Name: _____

Solve each problem.

- 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?

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
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9. _____
10. _____

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Answers

1. **9**
2. **42**
3. **8 : 1**
4. **49**
5. **27**
6. **7 : 5**
7. **18**
8. **25**
9. **7 : 2**
10. **30**



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25

7 : 5

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