



Understanding Ratios

Name: _____

Solve each problem.

- 1) The ratio of white chocolate to dark chocolate sold at a candy shop was $6 : 5$. If there were 12 bars of white chocolate sold, how many bars of dark chocolate were sold?

- 2) A produce store sold 18 red apples. If the ratio of red apples to green apples sold was $3 : 1$, what is the combined amount of red and green apples sold?

- 3) A chess player played 45 games total. If he won 10 of the games, what is the ratio of games he lost to games he won?

- 4) A video uploaded had 15 'up votes'. If the ratio of 'up votes' to 'down votes' was $5 : 2$, how many 'down votes' did the video get?

- 5) A teacher had 14 red pens. If the ratio of red pens to blue pens she owned was $7 : 1$, how many pens did she have total?

- 6) A fast food restaurant sells two sizes of fries, small and large. On Friday they sold 77 fries total. If 14 of the fries sold were small, what is the ratio of large fries sold to small fries sold?

- 7) During a race Gwen jogged for 90 minutes. If the ratio of time she jogged to time she walked was $10 : 1$, how many minutes did Gwen walk?

- 8) At a book fair there were 45 fiction books sold. If the ratio of fiction books sold to non-fiction book sold was $9 : 4$, how many books were sold total?

- 9) For homework, a student had to complete 85 problems total. If she finished 40 problems in class, what is the ratio of problems she still needs to complete to problems that she's already finished?

- 10) During a class election 28 students voted for candidate A. If the ratio of votes for candidate A to the votes for candidate B was $7 : 5$, how many votes did candidate B receive?

Answers

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

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Answers

1. **10**
2. **24**
3. **7 : 2**
4. **6**
5. **16**
6. **9 : 2**
7. **9**
8. **65**
9. **9 : 8**
10. **20**



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$$\begin{array}{r} 7 : 2 \\ 9 \end{array}$$

$$\begin{array}{r} 9 : 2 \\ 65 \end{array}$$

$$\begin{array}{r} 9 : 8 \\ 10 \end{array}$$

$$\begin{array}{r} 20 \\ 16 \end{array}$$

$$\begin{array}{r} 6 \\ 24 \end{array}$$

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