Name:

Solve each problem.

1) A vendor sold 54 hotdogs during a football game. If the ratio of hotdogs to hamburgers sold was 9 : 8, how many hamburgers did the vendor sell?

1. _____

2. _____

2) While completing a race, Henry spent 18 minutes walking. If his ratio of time walking to jogging was 9 : 4, how many minutes did he spend completing the race?

3. _____

4. _____

3) On a Saturday, a library checked out 104 books. If 24 of the books were fiction, what is the ratio of non-fiction books to fiction books checked out?

5. _____

6. _____

4) The ratio of white chocolate to dark chocolate sold at a candy shop was 6 : 5. If there were 54 bars of white chocolate sold, how many bars of dark chocolate were sold?

7. _____

8. _____

5) A cafeteria sold 10 cartons of regular flavored milk. If the ratio of regular milk sold to chocolate milk sold was 5 : 2, what is the combined amount of chocolate and regular milk sold?

9. _____

10. _____

6) Oliver spent 40 minutes completing a race. He walked 12 minutes and jogged the rest. What is the ratio of time he jogged to time he walked?

7) At a farm the ratio of cows to horses was 3 : 2. If there were 12 cows at the farm, how many horses were there?

8) A teacher had 14 red pens. If the ratio of red pens to blue pens she owned was 7 : 6, how many pens did she have total?

9) A fast food restaurant sells two sizes of fries, small and large. On Friday they sold 22 fries total. If 6 of the fries sold were small, what is the ratio of large fries sold to small fries sold?

10) During a race Gwen jogged for 40 minutes. If the ratio of time she jogged to time she walked was 5 : 4, how many minutes did Gwen walk?

Math

Name:

Solve each problem.

Answers

1) A vendor sold 54 hotdogs during a football game. If the ratio of hotdogs to hamburgers sold was 9 : 8, how many hamburgers did the vendor sell?

1. **48**

2) While completing a race, Henry spent 18 minutes walking. If his ratio of time walking to jogging was 9 : 4, how many minutes did he spend completing the race?

2. **26**

3. **10 : 3**

3) On a Saturday, a library checked out 104 books. If 24 of the books were fiction, what is the ratio of non-fiction books to fiction books checked out?

4. **45**

5. **14**

6. **7 : 3**

4) The ratio of white chocolate to dark chocolate sold at a candy shop was 6 : 5. If there were 54 bars of white chocolate sold, how many bars of dark chocolate were sold?

7. **8**

8. **26**

5) A cafeteria sold 10 cartons of regular flavored milk. If the ratio of regular milk sold to chocolate milk sold was 5 : 2, what is the combined amount of chocolate and regular milk sold?

9. **8 : 3**

10. **32**

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Solve each problem.

14	26	45	48	8
10 : 3	26	7 : 3	32	8 : 3

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