

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

- 1) The combined weight of 14 concrete blocks is 129.22 kilograms. Write an equation that can be used to express the relationship between the total weight(t) and the number of concrete blocks(b) you have.
- 2) Using a water hose for 93 minutes used up 109.74 total gallons of water. Write an equation that can be used to express the relationship between the total gallons used (t) and the minutes(m) used.
- 3) It cost \$2,442.40 for 86 pounds of beef jerky. Write an equation that can be used to express the relationship between the total cost(t) and the pounds of beef jerky(p) purchased.
- 4) In a game defeating 48 enemies earns you 2,400.00 total points. Write an equation that can be used to express the relationship between the total points earned (t) and the number of enemies(e) you defeat.
- 5) Using 19 boxes of nails a carpenter was able to finish 152.00 bird houses. Write an equation that can be used to express the relationship between the total number of birdhouses completed(t) and the boxes of nails(b) used.
- 6) A chef bought 45 bags of oranges at the supermarket and it cost her \$132.75. Write an equation that can be used to express the relationship between the total cost(t) and the number of bags of oranges(b) purchased.
- 7) A school had to buy 15 new science books and it ended up costing \$1,052.55 total. Write an equation that can be used to express the relationship between the total cost(t) and the number of books(b) purchased.
- 8) Amy traveled 73.08 kilometers in 87 minutes. Write an equation that can be used to express the relationship between the total kilometers traveled(t) and the minutes(m) it took.
- 9) A company used 343.00 lemons to make 49 bottles of lemonade. Write an equation that can be used to express the relationship between the total number of lemons needed (t) for each bottle of lemonade (b).
- 10) At a carnival it costs \$281.26 for 98 tickets. Write an equation that can be used to express the relationship between the total cost (t) and the number of tickets(n) you buy.

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- 2) Using a water hose for 93 minutes used up 109.74 total gallons of water. Write an equation that can be used to express the relationship between the total gallons used ( $t$ ) and the minutes( $m$ ) used.
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1.  **$t = b9.23$**
2.  **$t = m1.18$**
3.  **$t = p28.40$**
4.  **$t = e50.00$**
5.  **$t = b8.00$**
6.  **$t = b2.95$**
7.  **$t = b70.17$**
8.  **$t = m0.84$**
9.  **$t = b7.00$**
10.  **$t = n2.87$**