

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

- 1) The combined weight of 28 concrete blocks is 433.44 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) A phone store earned \$16.65 after they sold 5 phone cases. Write an equation that can be used to express the relationship between the total money earned (t) and the number of cases(c) sold.
- 3) You can buy 3 pieces of chicken for \$7.17. Write an equation that can be used to express the relationship between the total price(t) and the pieces of chicken(c) you buy.
- 4) A company used 396.00 lemons to make 44 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).
- 5) A chef bought 90 bags of oranges at the supermarket and it cost her \$215.10. 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.
- 6) Nancy traveled 1.32 kilometers in 6 minutes. Write an equation that can be used to express the relationship between the total kilometers traveled(t) and the minutes(m) it took.
- 7) In a game defeating 5 enemies earns you 2,000.00 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.
- 8) Using a water hose for 70 minutes used up 249.20 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.
- 9) A school fundraiser sold 5 candy bars and earned 13.00 dollars total. Write an equation that can be used to express the relationship between the total amount earned(t) and each candy bar sold(b).
- 10) At a carnival it costs \$76.32 for 48 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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Answers

1. **$t = b15.48$**
2. **$t = c3.33$**
3. **$t = c2.39$**
4. **$t = b9.00$**
5. **$t = b2.39$**
6. **$t = m0.22$**
7. **$t = e400.00$**
8. **$t = m3.56$**
9. **$t = b2.60$**
10. **$t = n1.59$**