

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

- 1) A phone store earned \$181.46 after they sold 43 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.
- 2) You can buy 24 pieces of chicken for \$49.20. Write an equation that can be used to express the relationship between the total price(t) and the pieces of chicken(c) you buy.
- 3) It cost \$885.98 for 62 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) The combined weight of 16 concrete blocks is 196.32 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.
- 5) A school fundraiser sold 51 candy bars and earned 120.36 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).
- 6) Using a water hose for 98 minutes used up 240.10 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.
- 7) A chef bought 27 bags of oranges at the supermarket and it cost her \$33.48. 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.
- 8) A school had to buy 38 new science books and it ended up costing \$3,310.56 total. Write an equation that can be used to express the relationship between the total cost(t) and the number of books(b) purchased.
- 9) Carol traveled 2.70 kilometers in 9 minutes. Write an equation that can be used to express the relationship between the total kilometers traveled(t) and the minutes(m) it took.
- 10) At a carnival it costs \$35.46 for 9 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.

1. _____
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10. _____

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Answers

1. $t = c4.22$
2. $t = c2.05$
3. $t = p14.29$
4. $t = b12.27$
5. $t = b2.36$
6. $t = m2.45$
7. $t = b1.24$
8. $t = b87.12$
9. $t = m0.30$
10. $t = n3.94$