Solve each problem.

1) A chef bought 37 bags of oranges at the supermarket and it cost her $78.44. 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.

2) A candy company made $31.08 for every 14 boxes of candy they sold. Write an equation that can be used to express the relationship between the total amount earned(t) and the boxes of candy they sold(b).

3) A phone store earned $336.00 after they sold 80 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.

4) Olivia traveled 104.72 kilometers in 88 minutes. Write an equation that can be used to express the relationship between the total kilometers traveled(t) and the minutes(m) it took.

5) A company used 588.00 lemons to make 98 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).

6) In a game defeating 75 enemies earns you 11,250.00 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.

7) The combined weight of 26 concrete blocks is 181.74 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.

8) A school had to buy 93 new science books and it ended up costing $5,563.26 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) A school fundraiser sold 49 candy bars and earned 83.79 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 $72.24 for 28 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.

Answers

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

1-10	90	80	70	60	50	40	30	20	10	0

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Answers

1. **t = b2.12**
2. **t = b2.22**
3. **t = c4.20**
4. **t = m1.19**
5. **t = b6.00**
6. **t = e150.00**
7. **t = b6.99**
8. **t = b59.82**
9. **t = b1.71**
10. **t = n2.58**

1-10	90	80	70	60	50	40	30	20	10	0