Solve each problem.

1) At a carnival it costs $53.90 for 14 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.

2) It cost $1,496.85 for 51 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.

3) Nancy traveled 186.12 kilometers in 94 minutes. Write an equation that can be used to express the relationship between the total kilometers traveled(t) and the minutes(m) it took.

4) A school fundraiser sold 36 candy bars and earned 87.12 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).

5) In a game defeating 8 enemies earns you 3,200.00 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.

6) Using 86 boxes of nails a carpenter was able to finish 258.00 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.

7) A school had to buy 13 new science books and it ended up costing $944.06 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) A company used 144.00 lemons to make 16 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).

9) A chef bought 61 bags of oranges at the supermarket and it cost her $150.06. 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.

10) You can buy 2 pieces of chicken for $3.64. Write an equation that can be used to express the relationship between the total price(t) and the pieces of chicken(c) 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 = n3.85**
2. **t = p29.35**
3. **t = m1.98**
4. **t = b2.42**
5. **t = e400.00**
6. **t = b3.00**
7. **t = b72.62**
8. **t = b9.00**
9. **t = b2.46**
10. **t = c1.82**

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