Solve each problem.

1) A chef bought 90 bags of oranges at the supermarket and it cost her $176.40. 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) Janet traveled 134.64 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.

3) A phone store earned $370.56 after they sold 96 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) You can buy 23 pieces of chicken for $68.77. Write an equation that can be used to express the relationship between the total price(t) and the pieces of chicken(c) you buy.

5) At a carnival it costs $50.46 for 29 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.

6) A company used 576.00 lemons to make 64 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).

7) A school fundraiser sold 33 candy bars and earned 100.98 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).

8) Using 31 boxes of nails a carpenter was able to finish 248.00 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.

9) A school had to buy 98 new science books and it ended up costing $2,994.88 total. Write an equation that can be used to express the relationship between the total cost(t) and the number of books(b) purchased.

10) It cost $713.70 for 39 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.

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 = b1.96**
2. **t = m1.53**
3. **t = c3.86**
4. **t = c2.99**
5. **t = n1.74**
6. **t = b9.00**
7. **t = b3.06**
8. **t = b8.00**
9. **t = b30.56**
10. **t = p18.30**

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