Solve each problem.

1) Using a water hose for 78 minutes used up 278.46 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.

2) Using 65 boxes of nails a carpenter was able to finish 195.00 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.

3) It cost $90.09 for 7 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) A school fundraiser sold 85 candy bars and earned 252.45 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) At a carnival it costs $17.64 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.

6) A candy company made $21.10 for every 5 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).

7) You can buy 9 pieces of chicken for $9.54. Write an equation that can be used to express the relationship between the total price(t) and the pieces of chicken(c) you buy.

8) A phone store earned $441.00 after they sold 75 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.

9) A company used 130.00 lemons to make 13 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).

10) Haley traveled 9.90 kilometers in 55 minutes. Write an equation that can be used to express the relationship between the total kilometers traveled(t) and the minutes(m) it took.

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 = m3.57**
2. **t = b3.00**
3. **t = p12.87**
4. **t = b2.97**
5. **t = n1.96**
6. **t = b4.22**
7. **t = c1.06**
8. **t = c5.88**
9. **t = b10.00**
10. **t = m0.18**

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