Solve each problem.

1) At a carnival it costs $120.79 for 47 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) The combined weight of 16 concrete blocks is 226.08 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.

3) Using 41 boxes of nails a carpenter was able to finish 369.00 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.

4) A phone store earned $36.54 after they sold 7 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.

5) A candy company made $19.24 for every 4 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).

6) A company used 161.00 lemons to make 23 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) Using a water hose for 54 minutes used up 207.90 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.

8) Robin traveled 13.20 kilometers in 22 minutes. Write an equation that can be used to express the relationship between the total kilometers traveled(t) and the minutes(m) it took.

9) A chef bought 70 bags of oranges at the supermarket and it cost her $137.20. 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 14 pieces of chicken for $16.80. 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 = n2.57**
2. **t = b14.13**
3. **t = b9.00**
4. **t = c5.22**
5. **t = b4.81**
6. **t = b7.00**
7. **t = m3.85**
8. **t = m0.60**
9. **t = b1.96**
10. **t = c1.20**

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