Solve each problem.

1) Using a water hose for 55 minutes used up 176.55 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) A school had to buy 55 new science books and it ended up costing $3,038.20 total. Write an equation that can be used to express the relationship between the total cost(t) and the number of books(b) purchased.

3) It cost $1,086.36 for 66 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 company used 480.00 lemons to make 60 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).

5) The combined weight of 9 concrete blocks is 129.69 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.

6) A phone store earned $58.75 after they sold 25 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.

7) A school fundraiser sold 64 candy bars and earned 240.00 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 68 boxes of nails a carpenter was able to finish 136.00 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) You can buy 12 pieces of chicken for $30.36. Write an equation that can be used to express the relationship between the total price(t) and the pieces of chicken(c) you buy.

10) A candy company made $195.36 for every 44 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).

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 = m3.21**
2. **t = b55.24**
3. **t = p16.46**
4. **t = b8.00**
5. **t = b14.41**
6. **t = c2.35**
7. **t = b3.75**
8. **t = b2.00**
9. **t = c2.53**
10. **t = b4.44**

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