Solve each problem.

1) The combined weight of 3 concrete blocks is 32.79 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.

2) Using a water hose for 72 minutes used up 205.20 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.

3) It cost $528.30 for 45 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 phone store earned $241.40 after they sold 85 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) At a carnival it costs $207.46 for 82 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) In a game defeating 16 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.

7) Haley traveled 71.38 kilometers in 43 minutes. Write an equation that can be used to express the relationship between the total kilometers traveled(t) and the minutes(m) it took.

8) A candy company made $90.54 for every 18 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).

9) Using 9 boxes of nails a carpenter was able to finish 18.00 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.

10) You can buy 9 pieces of chicken for $12.42. 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 = b10.93**
2. **t = m2.85**
3. **t = p11.74**
4. **t = c2.84**
5. **t = n2.53**
6. **t = e200.00**
7. **t = m1.66**
8. **t = b5.03**
9. **t = b2.00**
10. **t = c1.38**

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