	Expressing Equations	Name:

Solve each problem.

1) A company used 270.00 lemons to make 54 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).

1. _____

2. _____

2) A chef bought 57 bags of oranges at the supermarket and it cost her $68.97. 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.

3. _____

4. _____

3) Using a water hose for 71 minutes used up 83.07 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.

5. _____

6. _____

4) A school had to buy 15 new science books and it ended up costing $973.35 total. Write an equation that can be used to express the relationship between the total cost(t) and the number of books(b) purchased.

7. _____

8. _____

5) It cost $964.60 for 65 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.

9. _____

10. _____

6) Robin traveled 101.47 kilometers in 73 minutes. Write an equation that can be used to express the relationship between the total kilometers traveled(t) and the minutes(m) it took.

7) A candy company made $197.12 for every 64 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).

8) A phone store earned $499.20 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.

9) The combined weight of 23 concrete blocks is 127.42 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.

10) In a game defeating 17 enemies earns you 6,800.00 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.

Solve each problem.

Answers

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Answers

1. $t = b5.00$

2. $t = b1.21$

3. $t = m1.17$

4. $t = b64.89$

5. $t = p14.84$

6. $t = m1.39$

7. $t = b3.08$

8. $t = c5.20$

9. $t = b5.54$

10. $t = e400.00$