Expressing Equations

Name:

Solve each problem.

1) In a game defeating 87 enemies earns you 34,800.00 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.

1. _____

2. _____

2) A company used 420.00 lemons to make 42 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).

3. _____

4. _____

3) It cost $302.61 for 33 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.

5. _____

6. _____

4) Tiffany traveled 22.80 kilometers in 12 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. _____

8. _____

5) A school fundraiser sold 32 candy bars and earned 80.00 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).

9. _____

10. _____

6) You can buy 19 pieces of chicken for $20.52. Write an equation that can be used to express the relationship between the total price(t) and the pieces of chicken(c) you buy.

7) At a carnival it costs $94.52 for 34 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.

8) A phone store earned $453.74 after they sold 98 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 chef bought 71 bags of oranges at the supermarket and it cost her $127.80. 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) A school had to buy 22 new science books and it ended up costing $1,546.38 total. Write an equation that can be used to express the relationship between the total cost(t) and the number of books(b) purchased.

Name:

Solve each problem.

1) In a game defeating 87 enemies earns you 34,800.00 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.

1. $t = e400.00$

2. $t = b10.00$

2) A company used 420.00 lemons to make 42 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).

3. $t = p9.17$

4. $t = m1.90$

3) It cost $302.61 for 33 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.

5. $t = b2.50$

6. $t = c1.08$

4) Tiffany traveled 22.80 kilometers in 12 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. $t = n2.78$

8. $t = c4.63$

5) A school fundraiser sold 32 candy bars and earned 80.00 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).

9. $t = b1.80$

10. $t = b70.29$

6) You can buy 19 pieces of chicken for $20.52. Write an equation that can be used to express the relationship between the total price(t) and the pieces of chicken(c) you buy.

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

Math