	Expressing Equations	Name:

Solve each problem.

1) A phone store earned $239.27 after they sold 71 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.

2) You can buy 20 pieces of chicken for $55.00. Write an equation that can be used to express the relationship between the total price(t) and the pieces of chicken(c) you buy.

3) Using a water hose for 13 minutes used up 16.77 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.

4) A school had to buy 3 new science books and it ended up costing $60.78 total. Write an equation that can be used to express the relationship between the total cost(t) and the number of books(b) purchased.

5) The combined weight of 18 concrete blocks is 267.48 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 candy company made $290.78 for every 62 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).

7) A school fundraiser sold 90 candy bars and earned 135.00 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) Paige traveled 37.12 kilometers in 58 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) At a carnival it costs $123.20 for 40 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.

10) A company used 495.00 lemons to make 99 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).

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

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

Name: **Answer Key**

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1. $t = c3.37$

2. $t = c2.75$

3. $t = m1.29$

4. $t = b20.26$

5. $t = b14.86$

6. $t = b4.69$

7. $t = b1.50$

8. $t = m0.64$

9. $t = n3.08$

10. $t = b5.00$