Solve each problem.

1) A company used 420.00 lemons to make 84 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 candy company made $120.00 for every 32 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).

3. _____

4. _____

3) The combined weight of 26 concrete blocks is 406.64 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.

5. _____

6. _____

4) You can buy 23 pieces of chicken for $40.48. 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. _____

8. _____

5) Robin traveled 66.50 kilometers in 50 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. _____

10. _____

6) At a carnival it costs $57.35 for 31 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.

7) In a game defeating 3 enemies earns you 150.00 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.

8) A school had to buy 65 new science books and it ended up costing $2,894.45 total. Write an equation that can be used to express the relationship between the total cost(t) and the number of books(b) purchased.

9) Using 99 boxes of nails a carpenter was able to finish 198.00 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) A phone store earned $138.06 after they sold 59 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.

Solve each problem.

1) A company used 420.00 lemons to make 84 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. $t = b5.00$

2. $t = b3.75$

2) A candy company made $120.00 for every 32 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).

3. $t = b15.64$

4. $t = c1.76$

3) The combined weight of 26 concrete blocks is 406.64 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.

5. $t = m1.33$

6. $t = n1.85$

4) You can buy 23 pieces of chicken for $40.48. 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. $t = e50.00$

8. $t = b44.53$

5) Robin traveled 66.50 kilometers in 50 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. $t = b2.00$

10. $t = c2.34$

6) At a carnival it costs $57.35 for 31 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.

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