Solve each problem.

1) Using 51 boxes of nails a carpenter was able to finish 255.00 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.

1. _____

2. _____

2) A company used 532.00 lemons to make 76 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) The combined weight of 6 concrete blocks is 38.22 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) A school fundraiser sold 42 candy bars and earned 69.30 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).

7. _____

8. _____

5) At a carnival it costs $61.91 for 41 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.

9. _____

10. _____

6) It cost $441.92 for 32 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.

7) A phone store earned $490.39 after they sold 89 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.

8) Using a water hose for 73 minutes used up 291.27 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.

9) A candy company made $350.91 for every 63 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).

10) A school had to buy 77 new science books and it ended up costing $5,952.87 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: **Answer Key**

Solve each problem.

Answers

1) Using 51 boxes of nails a carpenter was able to finish 255.00 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.

1. ___ $t = b5.00$

2. ___ $t = b7.00$

2) A company used 532.00 lemons to make 76 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. ___ $t = b6.37$

4. ___ $t = b1.65$

3) The combined weight of 6 concrete blocks is 38.22 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. ___ $t = n1.51$

6. ___ $t = p13.81$

4) A school fundraiser sold 42 candy bars and earned 69.30 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).

7. ___ $t = c5.51$

8. ___ $t = m3.99$

5) At a carnival it costs $61.91 for 41 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.

9. ___ $t = b5.57$

10. ___ $t = b77.31$

6) It cost $441.92 for 32 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.

7) A phone store earned $490.39 after they sold 89 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.

8) Using a water hose for 73 minutes used up 291.27 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.

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