Solve each problem.

1) Amy traveled 59.86 kilometers in 41 minutes. Write an equation that can be used to express the relationship between the total kilometers traveled(t) and the minutes(m) it took.

2) A candy company made $364.37 for every 83 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) At a carnival it costs $96.33 for 57 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.

4) A school had to buy 17 new science books and it ended up costing $670.14 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) A phone store earned $331.50 after they sold 78 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.

6) Using 51 boxes of nails a carpenter was able to finish 408.00 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.

7) In a game defeating 6 enemies earns you 2,700.00 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) You can buy 14 pieces of chicken for $24.36. Write an equation that can be used to express the relationship between the total price(t) and the pieces of chicken(c) you buy.

9) A company used 36.00 lemons to make 6 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).

10) It cost $493.92 for 18 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.

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

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

Solve each problem.

1) Amy traveled 59.86 kilometers in 41 minutes. Write an equation that can be used to express the relationship between the total kilometers traveled(t) and the minutes(m) it took.

2) A candy company made $364.37 for every 83 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) At a carnival it costs $96.33 for 57 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.

4) A school had to buy 17 new science books and it ended up costing $670.14 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) A phone store earned $331.50 after they sold 78 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.

6) Using 51 boxes of nails a carpenter was able to finish 408.00 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.

7) In a game defeating 6 enemies earns you 2,700.00 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) You can buy 14 pieces of chicken for $24.36. Write an equation that can be used to express the relationship between the total price(t) and the pieces of chicken(c) you buy.

9) A company used 36.00 lemons to make 6 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).

10) It cost $493.92 for 18 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.

Answers

1. **t = m1.46**
2. **t = b4.39**
3. **t = n1.69**
4. **t = b39.42**
5. **t = c4.25**
6. **t = b8.00**
7. **t = e450.00**
8. **t = c1.74**
9. **t = b6.00**
10. **t = p27.44**

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