Solve each problem.

1) Emily traveled 42.21 kilometers in 63 minutes. Write an equation that can be used to express the relationship between the total kilometers traveled(t) and the minutes(m) it took.

1. _____

2. _____

2) A phone store earned $187.72 after they sold 76 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.

3. _____

4. _____

3) A chef bought 64 bags of oranges at the supermarket and it cost her $171.52. 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.

5. _____

6. _____

4) You can buy 3 pieces of chicken for $3.36. Write an equation that can be used to express the relationship between the total price(t) and the pieces of chicken(c) you buy.

7. _____

8. _____

5) At a carnival it costs $56.65 for 55 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) Using 42 boxes of nails a carpenter was able to finish 84.00 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) A candy company made $122.13 for every 23 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).

8) In a game defeating 95 enemies earns you 42,750.00 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.

9) A company used 425.00 lemons to make 85 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) A school had to buy 28 new science books and it ended up costing $2,082.08 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) Emily traveled 42.21 kilometers in 63 minutes. Write an equation that can be used to express the relationship between the total kilometers traveled(t) and the minutes(m) it took.

1. **t = m0.67**

2. **t = c2.47**

2) A phone store earned $187.72 after they sold 76 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.

3. **t = b2.68**

4. **t = c1.12**

3) A chef bought 64 bags of oranges at the supermarket and it cost her $171.52. 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.

5. **t = n1.03**

6. **t = b2.00**

4) You can buy 3 pieces of chicken for $3.36. Write an equation that can be used to express the relationship between the total price(t) and the pieces of chicken(c) you buy.

7. **t = b5.31**

8. **t = e450.00**

5) At a carnival it costs $56.65 for 55 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 = b5.00**

10. **t = b74.36**

6) Using 42 boxes of nails a carpenter was able to finish 84.00 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) A candy company made $122.13 for every 23 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).

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

Math