

**Solve each problem.****Answers**

- 1) Isabel traveled 5.46 kilometers in 26 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) At a carnival it costs \$298.08 for 81 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.
- 3) A chef bought 18 bags of oranges at the supermarket and it cost her \$23.76. 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.
- 4) A candy company made \$321.28 for every 64 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).
- 5) A company used 55.00 lemons to make 11 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).
- 6) In a game defeating 8 enemies earns you 1,200.00 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.
- 7) Using 68 boxes of nails a carpenter was able to finish 544.00 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.
- 8) A school had to buy 95 new science books and it ended up costing \$6,965.40 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) It cost \$1,332.63 for 51 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.
- 10) A phone store earned \$77.28 after they sold 23 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.

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



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Answers

1. $t = m0.21$

2. $t = n3.68$

3. $t = b1.32$

4. $t = b5.02$

5. $t = b5.00$

6. $t = e150.00$

7. $t = b8.00$

8. $t = b73.32$

9. $t = p26.13$

10. $t = c3.36$