	Expressing Equations	Name:

Solve each problem.

1) A company used 369.00 lemons to make 41 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 school fundraiser sold 92 candy bars and earned 111.32 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).

3. _____

4. _____

3) A school had to buy 83 new science books and it ended up costing $1,498.98 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. _____

6. _____

4) A chef bought 10 bags of oranges at the supermarket and it cost her $13.10. 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.

7. _____

8. _____

5) Using 82 boxes of nails a carpenter was able to finish 574.00 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.

9. _____

10. _____

6) Using a water hose for 45 minutes used up 120.15 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.

7) A phone store earned $52.00 after they sold 20 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) A candy company made $251.58 for every 42 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).

9) The combined weight of 23 concrete blocks is 273.24 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.

10) You can buy 24 pieces of chicken for $27.84. Write an equation that can be used to express the relationship between the total price(t) and the pieces of chicken(c) you buy.

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Solve each problem.

1) A company used 369.00 lemons to make 41 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. $t = b9.00$

2. $t = b1.21$

2) A school fundraiser sold 92 candy bars and earned 111.32 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).

3. $t = b18.06$

4. $t = b1.31$

3) A school had to buy 83 new science books and it ended up costing $1,498.98 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. $t = b7.00$

6. $t = m2.67$

4) A chef bought 10 bags of oranges at the supermarket and it cost her $13.10. 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.

7. $t = c2.60$

8. $t = b5.99$

5) Using 82 boxes of nails a carpenter was able to finish 574.00 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.

9. $t = b11.88$

10. $t = c1.16$

6) Using a water hose for 45 minutes used up 120.15 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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