	Expressing Equations Name	
<u> </u>	e each problem	Angruang
1)	Using 45 boxes of nails a carpenter was able to finish 135 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)	A chef bought 44 bags of oranges at the supermarket and it cost her \$98.56. 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.	2.   3.
3)	It cost $678.40$ for 53 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.	4.   5.
4)	A school had to buy 5 new science books and it ended up costing \$138.10 total. Write an equation that can be used to express the relationship between the total cost(t) and the number of books(b) purchased.	6.   7.
5)	A company used 602 lemons to make 86 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).	8.   9.
6)	You can buy 19 pieces of chicken for \$32.87. Write an equation that can be used to express the relationship between the total price(t) and the pieces of chicken(c) you buy.	10
7)	The combined weight of 29 concrete blocks is 257.23 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.	
8)	GVAR traveled 84.96 kilometers in 72 minutes. Write an equation that can be used to express the relationship between the total kilometers traveled(t) and the minutes(m) it took.	
9)	A phone store earned \$211.68 after they sold 36 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.	
10)	At a carnival it costs \$81.00 for 36 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.	

Math

	Expressing Equations Name: Answ	ver	Kev
Solv	e each problem.		Answers
1)	Using 45 boxes of nails a carpenter was able to finish 135 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 = b3
2)	A chef bought 44 bags of oranges at the supermarket and it cost her \$98.56. Write an equation that can be used to express the relationship between the total cost(t) and the	2.	t = b2.24 t = p12.80
3)	It cost \$678.40 for 53 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.	4.	t = b27.62 t = b7
4)	A school had to buy 5 new science books and it ended up costing \$138.10 total. Write an equation that can be used to express the relationship between the total cost(t) and the	5. 6. 7	t = c1.73 t = b8.87
5)	number of books(b) purchased. A company used 602 lemons to make 86 bottles of lemonade. Write an equation that can be used to express the relationship between the total number of lemons needed (t) for each	8. 9.	t = m1.18 t = c5.88
6)	You can buy 19 pieces of chicken for \$32.87. Write an equation that can be used to express the relationship between the total price(t) and the pieces of chicken(c) you buy.	10.	t = n2.25
7)	The combined weight of 29 concrete blocks is 257.23 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.		
8)	GVAR traveled 84.96 kilometers in 72 minutes. Write an equation that can be used to express the relationship between the total kilometers traveled(t) and the minutes(m) it took.		
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Math