

# MY Homework

## Lesson 9

### Equations with Multiple Operations

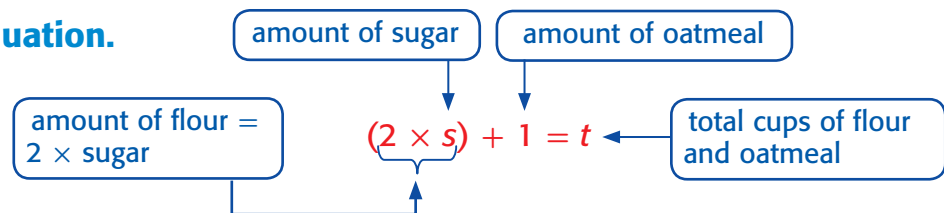
## Homework Helper



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Lauren's recipe calls for 2 times as many cups of flour as sugar. She always adds 1 cup of oatmeal. If she uses 2, 3, or 4 cups of sugar, how many cups of flour and oatmeal will she use?

1 Write an equation.



2 Make a table.

$(2 \times s) + 1 = t$		
Input	Output	
2	5	$(2 \times 2) + 1 = 5$
3	7	$(2 \times 3) + 1 = 7$
4	9	$(2 \times 4) + 1 = 9$

If she uses 2 cups of sugar, she will use 5 cups of flour and oatmeal.  
 If she uses 3 cups of sugar, she will use 7 cups of flour and oatmeal.  
 If she uses 4 cups of sugar, she will use 9 cups of flour and oatmeal.

## Practice

1. Complete the table.

$(3 \times x) + 2 = y$	
Input (x)	Output (y)
1	5
2	8
3	
4	

Complete each table.

2.

$(12 \div x) + 3 = y$	
Input (x)	Output (y)
1	15
2	9
3	
4	

3.

$(4 + x) \times 6 = y$	
Input (x)	Output (y)
1	30
2	36
3	
4	

4.

$(10 - x) \times 7 = y$	
Input (x)	Output (y)
1	63
2	56
3	
4	

5.

$(5 \times x) + 5 = y$	
Input (x)	Output (y)
1	10
2	15
3	
4	

6.

$(6 + x) \times 2 + 3 = y$	
Input (x)	Output (y)
1	17
2	19
3	
4	

7.

$2 \times (24 \div x) - 2 = y$	
Input (x)	Output (y)
1	46
2	22
3	
4	



## Problem Solving

8. **Mathematical PRACTICE** **Make Sense of Problems** Mauricio hits a baseball 4 times as often as Tony each game. He also hits 20 baseballs every Monday at practice. How many baseballs will Mauricio hit this week if Tony hits 4 balls at the game Saturday?

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9. Callie loves flowers. She picks 4 tulips for every daisy she picks. Callie's mom also gave her 6 tulips this week from her garden. How many tulips will Callie have this week if she picks 3 daisies?

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## Test Practice

10. Refer to the equation  $(x \times 3) - 2 = y$ . If  $x = 7$ , what is the value of  $y$ ?

(A)  $y = 27$

(B)  $y = 23$

(C)  $y = 21$

(D)  $y = 19$