

4) Combine Like Terms

Only combine terms that are 'alike'. Use Highlighters

Only use an exponent if the variables are being multiplied

a) $4x + 3x + 7 + 2$	b) $7x + 2y + 3x + 2 + y$
7×+9	10x+3y+2
d) $4c + 4d + 7c - 3d$	e) $4b + 3a + 7b + 2a$
11c+d	116+5a

4m+11 f) 4g - 2g + 7h - 2h21+5h

f) 42g - 56 ÷ 14

14(3g-4)

c) 6m + 12 - 2m - 1

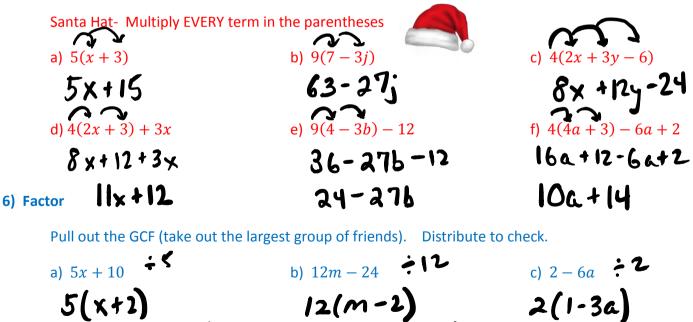
Complete the table by expanding or combining each expression.

Expanded Terms	Combined Terms	
b+b+b+b+b	56	
M+M+M+M	4 <i>m</i>	
a + a + a	30	
P+P+P+P+N	4p + n	
x + x + y + x + y	3x+24	

5) Distribute and Combine Like Terms

d) 4m + 12n - 8

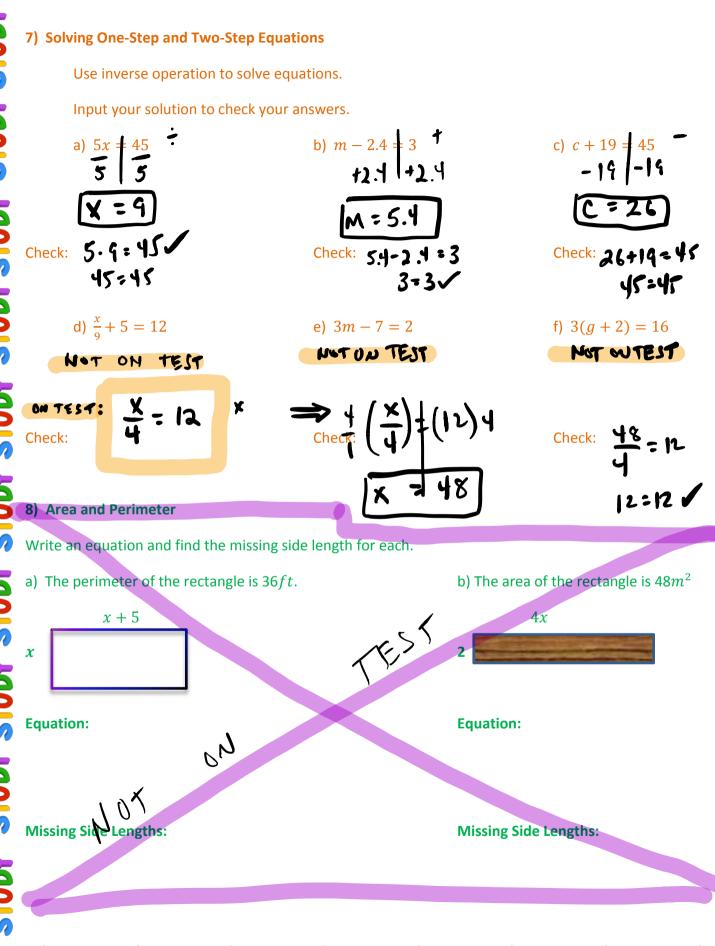
4 (M+3n-2)



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e) 18x + 27y - 63

9(2×+3y-7)



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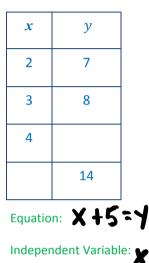
9) Tables and Rules

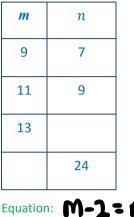
Find the Rule in the input/output table and write the equation

Determine the 'independent variable' and the 'dependent variable'

Independent Variable- Input value. Usually x

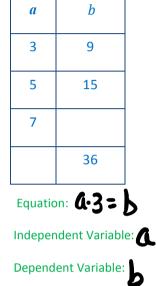
Dependent Variable- Output Value. Usually y

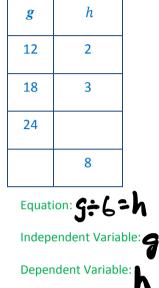




Dependent Variable: Dependent Variable:

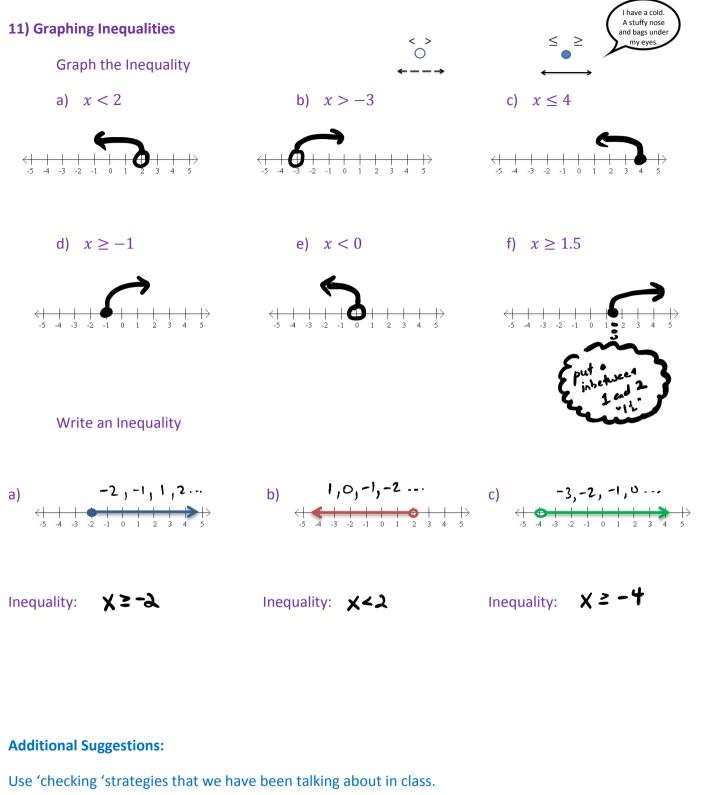
		24		
Equat	ion:	M-	27	• ^
Indepe	enden	t Varia	able:	M





10) Is the value a solution to the inequality?

a) $m = 5$	b) $g = -7$	c) $y = 0$	d) $h = 2.4$
m < 5 5 4 5	$g \le -7$ -7 ≤ -7	$5 \le y$	h < 3 2.943
yes or no.	(yet or no?	yes or no:	(yes) or no?
e) $m = 3$ $m + 2 \le 5$ $3 + 1 \le 5$ vesor no?	f) $g = 3$ $2g \ge 7$ $g \ge 7$	g) $y = 0$ $4 \ge 5(3)$ $4 \ge 5y$ $4 \ge 0$ (yes) or no?	h) $h = 1.9$ h + 0.9 < 3 (yes) or no? 1.9 + 0.9 < 3 2.8 - 3



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Review your Quiz. Make sure you understand your errors.

Come and see me before or after school on Tuesday if you need help.