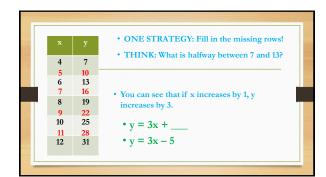
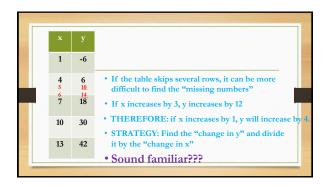


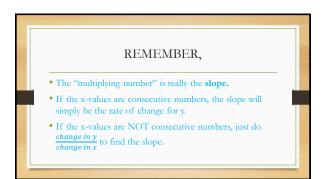
This	s is basica	ally the same as "guess my rule"!
• Write th	e equation:	• Remember, if y increases by a constant
x	У	amount, then x is multiplied by that number in the equation!!!
2	7	
3	11	• $y = 4x + $
4	15	• Pick an x-value and multiply it by 4. Wha
5	19	would the other step have to be to get the
6	23	right output? • $v = 4x - 1$

		3 Examples	
• Write t	he equation:		
x	У	x y	ху
2	15	4 1	-6 17
3	17	5 11/2	-5 15
4	19	6 2	-4 13
5	21	7 21/2	-3 11
6	23	8 3	-2 9
	x + 11	$y = \frac{1}{2}x - 1$	y=-2x+5

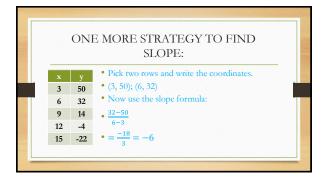
		What about this?
• Writ	e the equ	tion:
х	x y	• REMEMBER: The "multiplying" trick
4	7	only works if your table has
6	i 13	CONSECUTIVE values of x!
8	19	
10	0 25	
12	2 31	

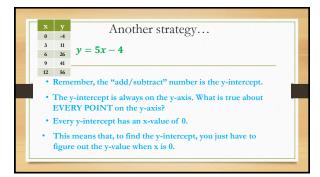






		MORI	ΕEΣ	XAN	APLES:			
Write th	e equa	tion:	x	v		x	v	
х	у	1.1.1.1.1.1.1.1		9			5	
0	-4		-					
3	11	Slope = $\frac{15}{15} = 5$			sin - <sup>-4</sup> 2	-		Slope $=\frac{1}{2}$
6	26	$\operatorname{stope} - \frac{1}{3} = 5$	-	-	slope $-\frac{1}{2} = -2$			Stope 3
9	41		8	-3		15	8	
12	56		10	-7		18	9	
	x 0 3 6	x         y           0         -4           3         11           6         26           9         41	Write the equation: <b>x y</b> 0 -4 3 11 6 26 9 41 Slope = $\frac{15}{3} = 5$	Write the equation: x y 0 -4 3 11 6 26 9 41 10	x         y         x         y           0         -4         3         11         2         9         4         5         6         1         5         5         6         1         5         5         6         1         5         5         6         1         5         5         6         1         5         5         6         1         5         5         6         1         5         5         6         1         5         5         6         1         5         5         6	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	x         y         x         y         a         a         b         a         b         a	Write the equation:         x       y       2       9       6       5         0       -4       3       11 $6$ 26       9       6       5         9       41 $5$ 6       1 $$lope = -\frac{4}{2} = -2$       12       7         9       41       7       8       -3       15       8   $





				$y = \frac{1}{2}$	$\frac{1}{x}$ +	3					
	1	Alter	nate stra	itegy:	fine	ling t	he y-	inte	erce	pt	
1	y = _	-6x +	68	0					у		
	0	68		3	3 4			-6	17		
		00	1		-			-5	15		
	x	y 50		x	У			-4	13		
	3	50		6	5			-3	11		
	6	32		9	6			-2	9		
	9	14		12	7			_	,		
	12	-4		15	8			-1	7		
	15	-22		18	9			0	5 2 x +	_	

