Algebra I: Standard to Slope-Intercept Form—and back again!

Cut the squares apart.

Match equivalent expressions or sentences.

You should get a new 4 X 4 square.

	y=4			y=2x-5			y=2x-4			8x-y=2	
y= - 2x-2		3x+4y=24	y= -x+6		10x+2y=8	9-x=y		2x-3y=8	y=3x-2		y=2x+5
	2x-y= -7			y=4-2x			y=1/3 x -3			x=4	
	4y-4=0			y= -4			2x+y=4			3y=x+4	
3x-y=2		4x+y= -1	y= -x+6		y=2/3 x +8/3	3x-2y=6		4x-2y=8	y=4/3 x - 6		3x+4y=20
	7x-2y= -10			y=3/-4 x +6			x-y=6			x-5y=15	
	y=2/3 x-12			x-y=11			y=x			y=-5x+4	
4x-3y=27		y=x	2x+y= - 2		2x-3y=36	y= 7/2 x + 5		y=2x-4	y= -3x - 21		y= -3x
	3y=x+12			y=2/3 x- 8/3			y=1/3 x+4			y=8x-2	
	3x-y=0			-y=3x			4x-4y= -1			x-y=0	
x+y=6		y=4x-1	y=x+6		x+y=6	2y=7x+5		y= 3/2 x - 3	4x+2y=-10		y=3x
	-x+y=13			x + _ = y			y= -3/4 x +5			y=4	

Algebra I: Slope and y-intercept

Cut the squares apart.
Match each equation to its slope and y-intercept.
You should get a new 4 X 4 square.

	y = -3/4 x + 5			m=1 b=0			3x+4y+20			y-8+2x	
m=1 b=1		20x=4y-4	m=5 b=1		6y-3x=12	m=1/2 b=2		-7x+y=8	m=7 b=8		m=1/2 b= -3
	x-y=6			-2x-y= -7			y=4 – 2x			2y=7x+10	
	m= -1 b= -6			m= -2 b=7			m= -2 b=4			m=7/2 b=5	
y=4/3 x x - 9		x+y-5=0	m = -1 b=5		x+4y-4=0	m=1/4 b=1		5x+y=4	m= -5 b=4		- x +y=13
	-2x+y= -4			y=-x+6			7x-y=14			y=2x+7	
	m= 2 b= -4			m= -1 b=6			m=7 b= -14			m=2 b=7	
m=10 b=5		4x+8y=24	m=- _ b=3		y=3x	m=3 b=0		y=2x-3 5	m=2/5 b= -3/5		x-y=11
	3x-2y=6			x-5y=15			3x+4y=24			2x+y= -2	
	m=3/2 b= -3			m=1/5 b= -3			m= -3/4 b=6			m= -2 b= -2	
7x=4y+25		3x+2y=6	m= -3/2 b=3		- 2x- y = -7	m= -2 b=7		y=3x-2= -2	m=3 b= -2		m=5 b=1/2
	2x-y=8			y=4x - 1			m= 6/5 b=2			-4x-y=1	