ame:			Date:	Class:	
р		e your	•	Ŧ	
	Thoma <del>s</del> A. Edi		roduced the w	nts and was the orld to ice-cream	
Change each of the and the y-intercept remaining unshaded	(b). Shade in the g	rid boxes that con	tain your answers.	identify the slope (m) Read across the	
<ul> <li>reciprocal to ell</li> </ul>	minate the value li	to the slope-interc n front of the y var (1/2)2y = (1/2)6 -	lable. For example	+ b), multiply by the - 2x.	
1. $3x - 4y = 3$	12	7. $10x - 2y = 12$			
2. $-2x - 5y = 20$		8. $-11x + 11y = -22$			
3. $x + y = -3$		9. $-2x + 9y = 18$			
4. $5x - 6y = 30$		10. $x - 3y = -21$			
5. $7x - 4y = 7$	5. $7x - 4y = 16$		11. $-6x + y = 10$		
6. $-8x + 3y =$	= 12	12. 2	x - y = -13		
y' = -5 m = 5/6	0 b = 8 m = -9	) b = -6 m = 5	P b = -3 m = 3/4		
T b = 7 m = 1/3	U b = 13 m = 1	b = -4 $m = 7/4$	H b = -7 m = 4		
 b = 1 m = -2	L b = 2 m = 2/9	M b = -3 m = -1	V b = -4 m = -2/5		
R b = 10 m = 6	A b = 4 m = 8/3	0 b = -10 m = -1	S b = -2 m = 1		
Answer:				v 1	
h	•	Reproducible		<u> </u>	
ood Apple GA1687		41			

riting Slope-Intercept	Form		
ame:	,	•	

Date:

Class:

## **POSITIVE THINKING**



Write the equation of each line given its slope (m) and y-intercept (b). Write the exercise number in front of the corresponding answer listed in the grid. To spell out the answer at the bottom of the page, refer to the grid and write the code letter that corresponds to the exercise number given.

**Tip:** When plugging *m* and *b* values into the equation y = mx + b, don't forget to include negative symbols when given. For example, when m = -4 and b = -6, the equation is y = -4x - 6.

1. 
$$m = 2, b = -5$$
  
2.  $m = 1/3, b = 2$   
3.  $m = -4, b = -3$   
4.  $m = -1/2, b = 8$   
5.  $m = -3, b = -4$   
6.  $m = -1/3, b = -2$   
7.  $m = -5, b = 2$   
8.  $m = -10, b = -9$   
9.  $m = 8, b = -1/2$   
10.  $m = 2, b = 1/3$   
11.  $m = -1, b = 0$   
12.  $m = 1, b = -1$   
13.  $m = 0, b = -5$   
14.  $m = -1, b = -1$ 

Code Letter	Exercise #	Answer
· A		$\gamma = -x$
C		y = 8x - 1/2
D		y = -x - 1
E		y = 1/3x + 2
F		y = 2x + 1/3
1		y = 2x - 5
L	·	y = -5x + 2
М		y = -1/2x + 8
N		y = x - 1
0		y = -10x - 9
R		y = -4x - 3
Т		y = -1/3x - 2
U		y = -5
Y		y = -3x - 4

## Answer:

म्



