

Name _____ Period _____

SLOPE-INTERCEPT FORM

What is it called when a giraffe swallows a toy jet?

7	11	15	2	5	13	3	10	1	8	6	14	9	4	12

ANSWER BANK

S : $y = \frac{8}{3}x - 2$	C : $y = \frac{3}{2}x + 4$	E : $y = -\frac{7}{2}x + \frac{3}{2}$	A : $y = 7x - 2$
N : $y = \frac{1}{3}x - 4$	T : $y = -2x + 5$	A : $y = \frac{8}{3}x + 3$	O : $y = \frac{3}{2}x - 9$
H : $y = \frac{2}{9}x$	R : $y = -\frac{5}{2}x - 2$	I : $y = 4x + 1$	E : $y = -\frac{5}{2}x - 9$

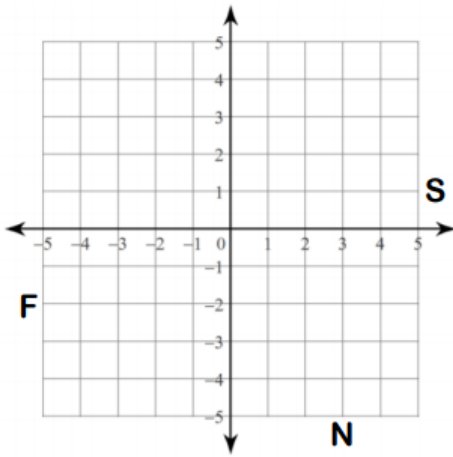
Write the equation below in slope intercept form. Then find your answer above. Write the letter of the answer in the answer box containing the problem number.

1. $2x + y = 5$	2. $-7x + y = -2$	3. $4x - y = -1$
4. $2y - 3x = 8$	5. $-x + 3y = -12$	6. $-2y - 5x = 18$
7. $8x - 3y = -9$	8. $9y - 2x = 0$	9. $2y + 7x - 3 = 0$

Write each equation in slope intercept form. Then graph the line. The graph will cross a letter outside the grid. Write this letter in the box containing the problem number.

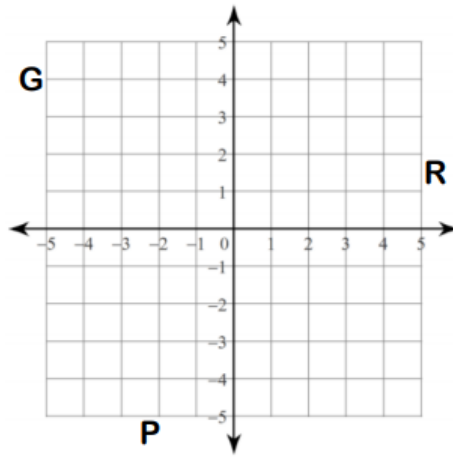
10. $2x + y = 1$

$m =$ $b =$



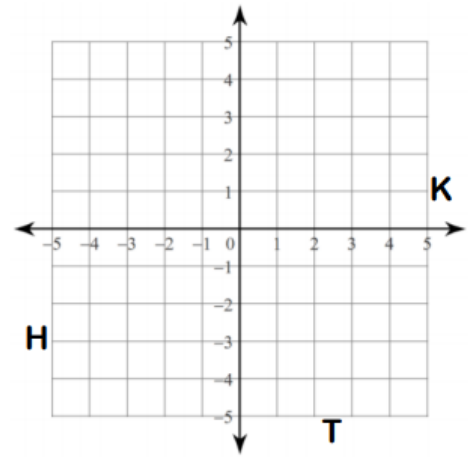
11. $2y - 3x = -4$

$m =$ $b =$



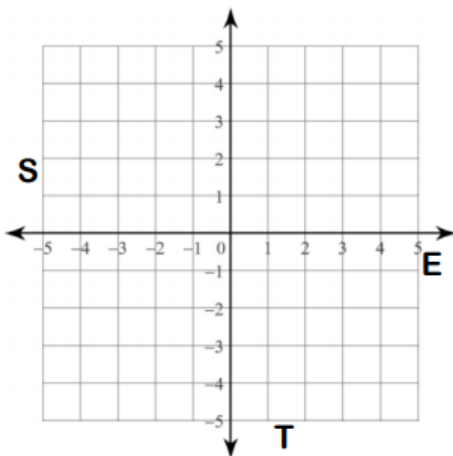
12. $x + 3y = 9$

$m =$ $b =$



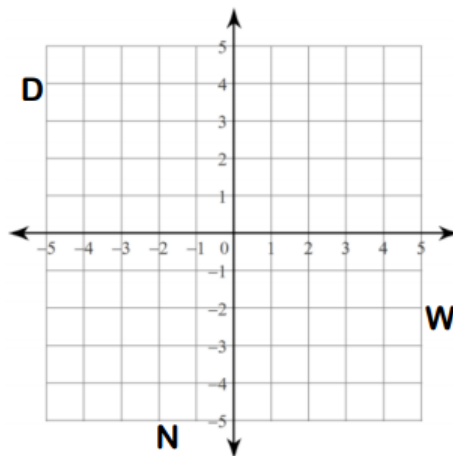
13. $3x - 5y = 20$

$m =$ $b =$



14. $3x - y = 1$

$m =$ $b =$



15. $5x + 4y = 0$

$m =$ $b =$

