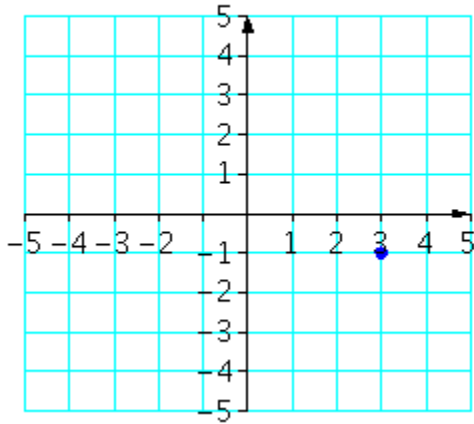


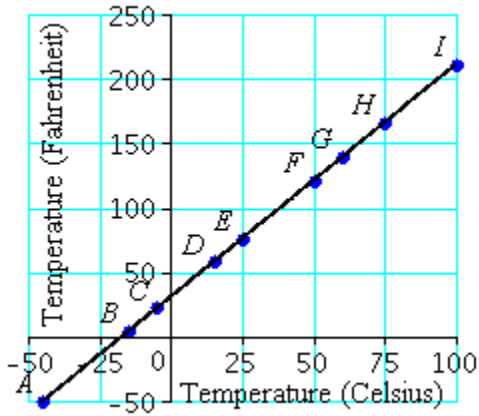
Name: _____ Date: _____

1. Graph the point $(-2, 3)$.

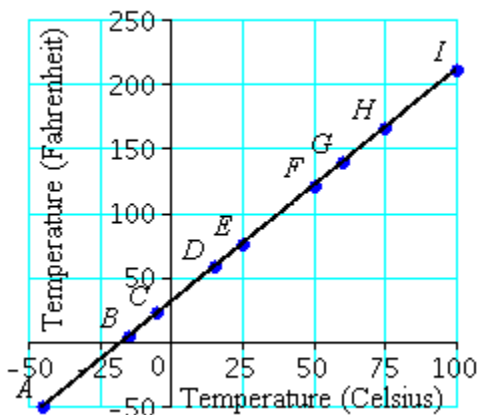
2. What are the coordinates of the point shown on the following graph?



3. Which letter is closest to the point $(100, 212)$?



4. Which coordinates are closest to the letter *C*?



5. Make an input-output table for the equation using a range of -3 to 3.
 $y = 4x + 9$

6. Write an equation in slope-intercept form for the input-output table.

<i>x</i>	-3	-2	-1	0	1	2	3
<i>y</i>	-14	-9	-4	1	6	11	16

7. Graph the equation.

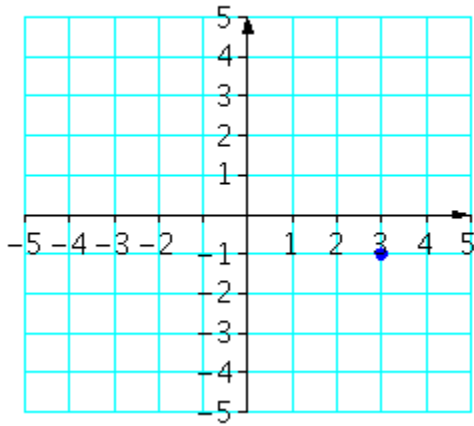
$$y = -3 + x^2$$

8. Using the input-output table, graph the equation.

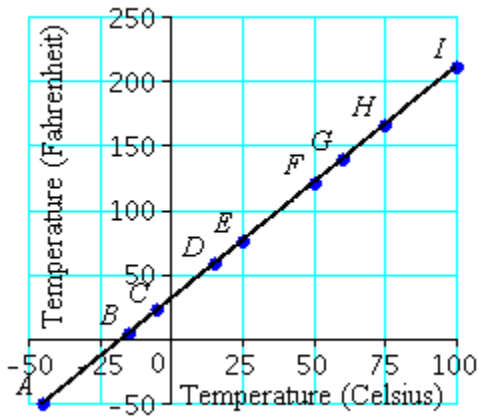
$$y = -x^3$$

<i>x</i>	-3	-2	-1	0	1	2	3
<i>y</i>	27	8	1	0	-1	-8	-27

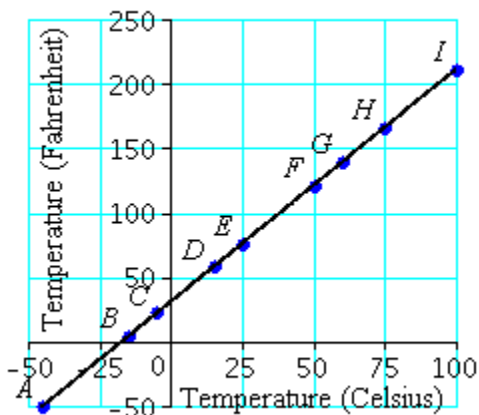
9. What are the coordinates of the point shown on the following graph?



10. Which letter is closest to the point $(-15, 5)$?



11. Which coordinates are closest to the letter *G*?



12. Make an input-output table for the equation using a range of -3 to 3.
 $y = -2x - 9$

13. Write an equation in slope-intercept form for the input-output table.

<i>x</i>	-3	-2	-1	0	1	2	3
<i>y</i>	-15	-13	-11	-9	-7	-5	-3

14. Using the input-output table, graph the equation.

$$y = -x^3$$

<i>x</i>	-3	-2	-1	0	1	2	3
<i>y</i>	27	8	1	0	-1	-8	-27

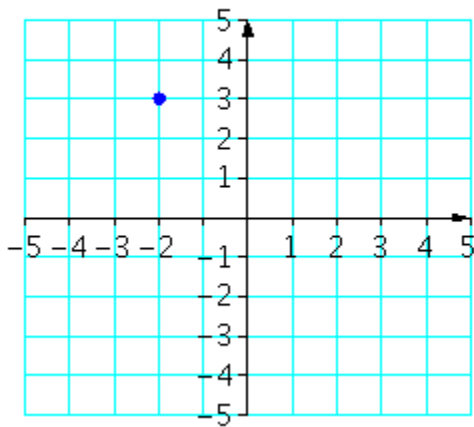
15. Using the input-output table, graph the equation.

$$y = -|x|$$

<i>x</i>	-3	-2	-1	0	1	2	3
<i>y</i>	-3	-2	-1	0	-1	-2	-3

Answer Key

1.

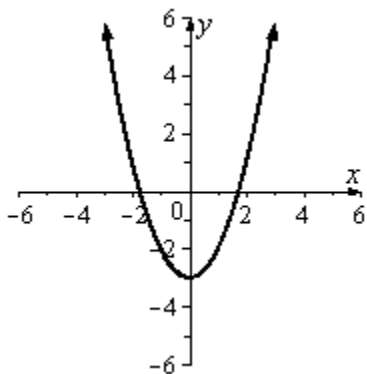
2. $(3, -1)$ 3. I 4. $(-5, 23)$

5.

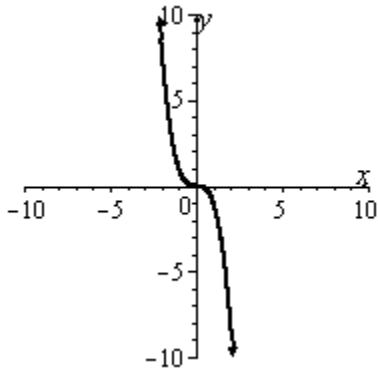
x	-3	-2	-1	0	1	2	3
y	-3	1	5	9	13	17	21

6. $y = 1 + 5x$

7.



8.



9. $(3, -1)$

10. B

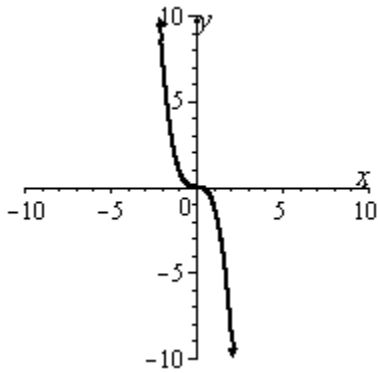
11. $(60, 140)$

12.

x	-3	-2	-1	0	1	2	3
y	-3	-5	-7	-9	-11	-13	-15

13. $y = -9 + 2x$

14.



15.

