



CONSORTIUM FOR WORKER EDUCATION

IBEW LOCAL 3 LINEAR EQUATIONS PRACTICE PROBLEMS #2

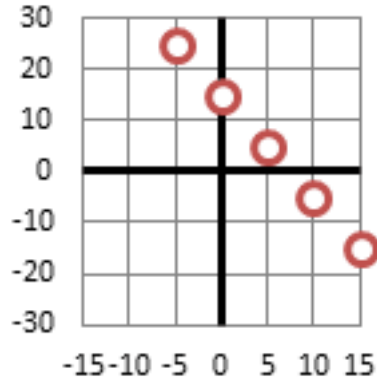
Consortium for Worker Education
275 Seventh Avenue 18th fl.
New York, NY 10001
Phone: 212-647-1900
Fax: 212-647-1916



Linear Equations

Match the Identical Expressions

1.



A. sixteen more than twice a number

B. $y = -3x + 15$

C.

x	y
-15	44
-10	34
-5	24
0	14
5	4
10	-6
15	-16

D. fourteen more than half the opposite of a number

2.

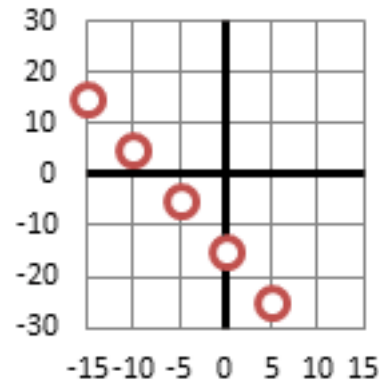
x	y
-15	-59
-10	-44
-5	-29
0	-14
5	1
10	16
15	31

A. Five more than a number

B. $y = -3x - 14$

C. Fourteen less than three times a number

D.



3.

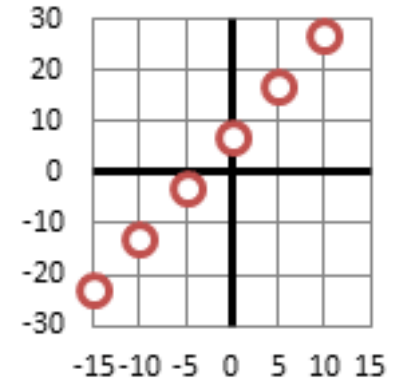
$$y = -4x + 8$$

A.

x	y
-15	68
-10	48
-5	28
0	8
5	-12
10	-32
15	-52

B. Four less than eight times a number

C.



D. Eight more than four times a number

Linear Equations

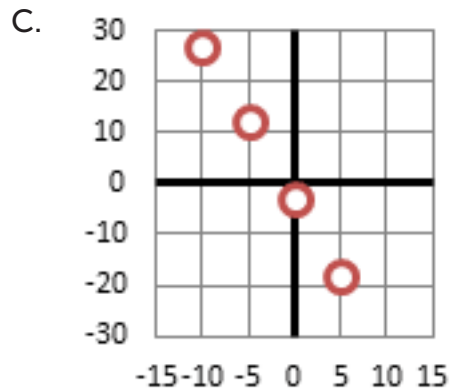
Match the Identical Expressions

4. Five less than twice a number

A.

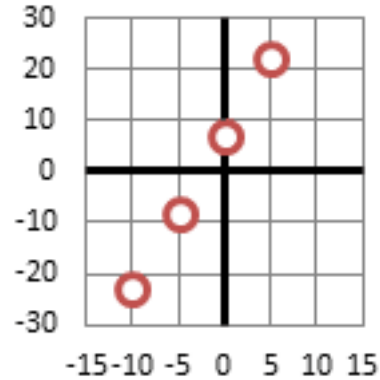
x	y
-15	11
-10	8
-5	5
0	2
5	-1
10	-4
15	-7

B. $y = 2x - 5$



D. $y = -5x + 2$

5.



A. $y = 2x + 5$

B.

x	y
-15	-13
-10	-6
-5	1
0	8
5	15
10	22
15	29

C. $y = -3x + 7$

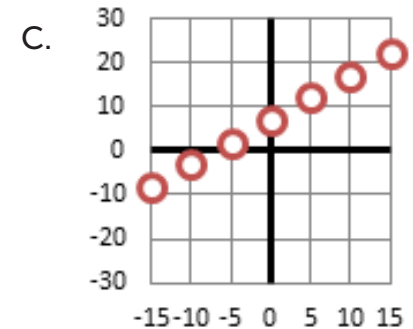
D. Six more than three times a number

6. Two more than four times a number

A. $y = 2x + 4$

B.

x	y
-15	-10
-10	-6
-5	-2
0	2
5	6
10	10
15	14



D.

x	y
-15	-58
-10	-38
-5	-18
0	2
5	22
10	42
15	62