Name: _____ HW ID: A

____ 17. Write an equation that can be used to recreate the function.

x	y
0	5
2	3
3	2
4	1

a. $y = 5x$
b. $y = -x$
c. $y = -x + 5$
d. $y = 5x - 1$

____ 18. Write an equation that can be used to recreate the function.

x	y
–3	–4
–1	2
1	8
3	14

a. $y = 3x + 5$
b. $y = 5x + 3$
c. $y = 3x$
d. $y = 5x$

____ 19. Write an equation that can be used to recreate the function.

x	y
0	2
1	–1
4	–10
6	–16

a. $y = 2x$
b. $y = -3x$
c. $y = 2x - 3$
d. $y = -3x + 2$

____ 20. Write an equation that can be used to recreate the function.

x	y
0	5
2	–3
3	–7
5	–15

a. $y = 5x$
b. $y = 5x - 4$
c. $y = -4x$
d. $y = -4x + 5$

____ 21. Write an equation that can be used to recreate the function.

x	y
–4	7
–1	4
2	1
3	0

a. $y = 3x - 1$
b. $y = -x$
c. $y = -x + 3$
d. $y = 3x$

____ 22. Write an equation that can be used to recreate the function.

x	y
–2	3
1	6
4	9
5	10

a. $y = 5x + 1$
b. $y = x + 5$
c. $y = 5x$
d. $y = x$

____ 23. Write an equation that can be used to recreate the function.

x	y
–2	12
0	4
2	–4
4	–12

a. $y = 4x$
b. $y = 4x - 4$
c. $y = -4x$
d. $y = -4x + 4$

____ 24. Write an equation that can be used to recreate the function.

x	y
–4	1
–1	4
0	5
1	6

a. $y = x + 5$
b. $y = 5x$
c. $y = 5x + 1$
d. $y = x$