

11. Which of these tables represents a function with a constant rate of change?

A.

x	y
0	-1
1	-2
4	-3
9	-4
16	-5

B.

x	y
-8	17
-7	15
-6	13
-5	11
-4	9

C.

x	y
-2	4
-1	1
0	0
1	1
2	4

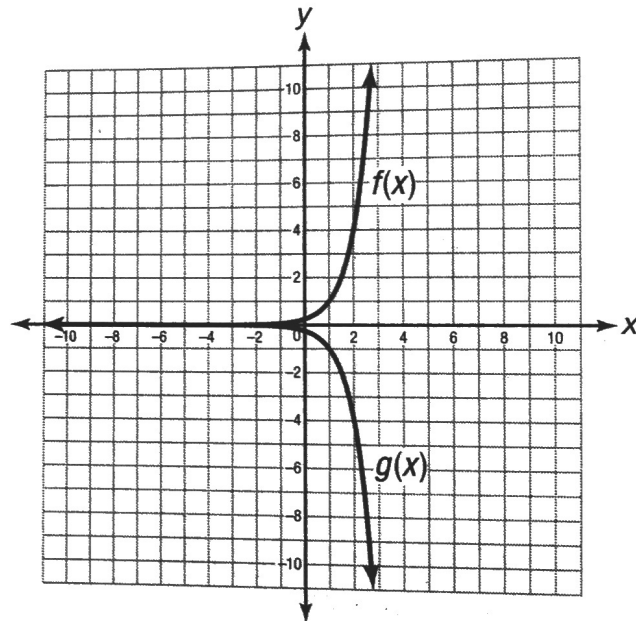
D.

x	y
-4	4
-2	2
0	0
2	2
4	4

12. The function $f(x)$ is transformed to $\frac{1}{3}f(x)$. Which represents the type of transformation performed?

- A. leftward shift
 B. rightward shift
 C. vertical stretch
 D. vertical shrink

13. The function $f(x) = 0.25 \cdot 4^x$ and its reflection over the x-axis are graphed below.



Which algebraic function best describes the transformation shown?

- A. $g(x) = f(-x)$
 B. $g(x) = -f(-x)$
 C. $g(x) = -f(x)$
 D. $g(x) = f(x - 1)$