



AA2.3.1 The graph of a function

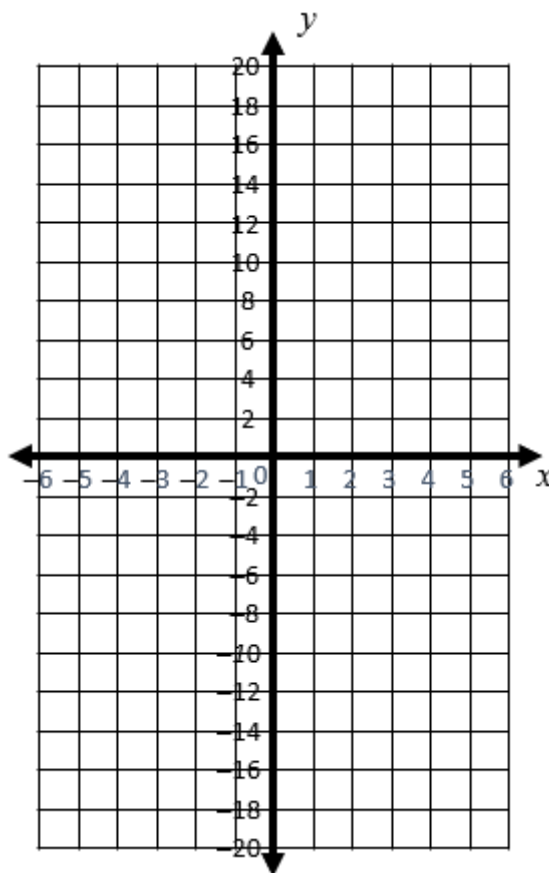
Student name: _____ Score: _____

1. $f(x) = 5 - 3x$, for $-4 \leq x \leq 4$

(a) Complete the table below with the values of y .

x	-4	-3	-2	-1	0	1	2	3	4
y									

(b) Use the grid to draw the graph of the function.

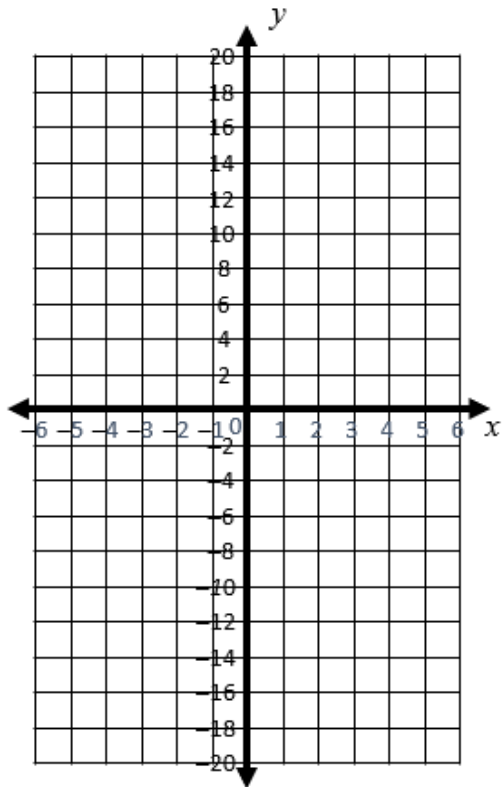


2. $f(x) = x^2 - 3$, for $-4 \leq x \leq 4$

(a) Complete the table below with the values of y .

x	-4	-3	-2	-1	0	1	2	3	4
y									

(b) Use the grid to draw the graph of the function.

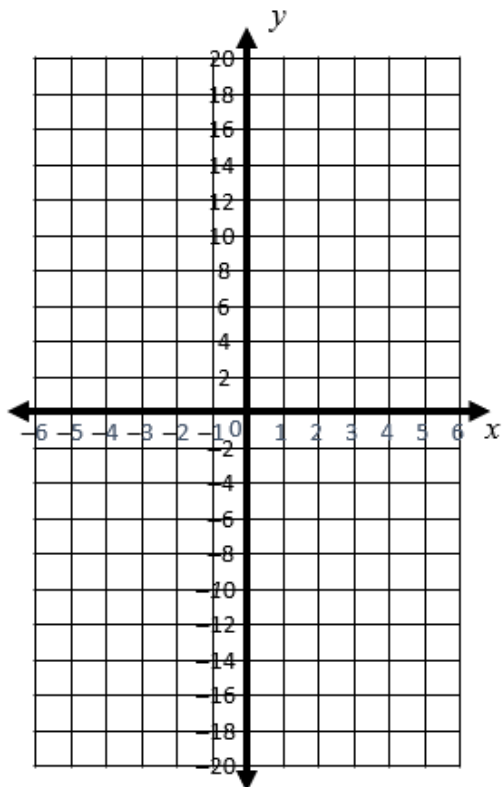


3. $f(x) = x^3 - 2$, for $-2 \leq x \leq 2$

(a) Complete the table below with the values of y .

x	-2	-1	0	1	2
y					

(b) Use the grid to draw the graph of the function.

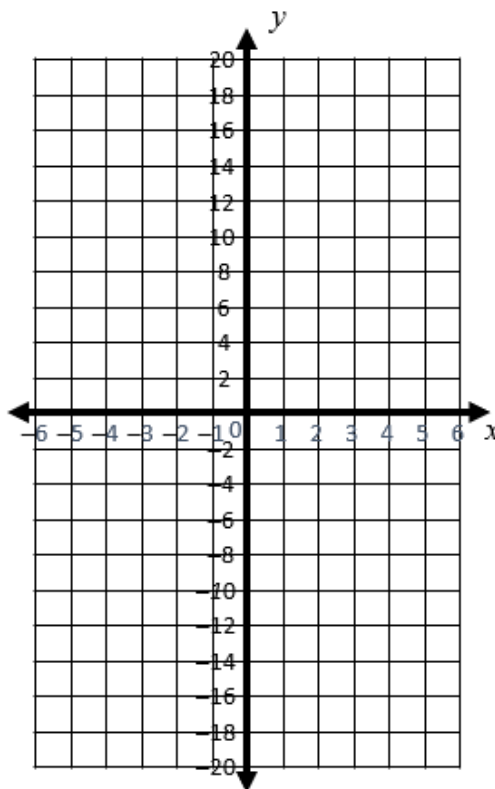


4. $f(x) = (x - 3)^2$, for $-1 \leq x \leq 6$

(a) Complete the table below with the values of y .

x	-1	0	1	2	3	4	5	6
y								

(b) Use the grid to draw the graph of the function.

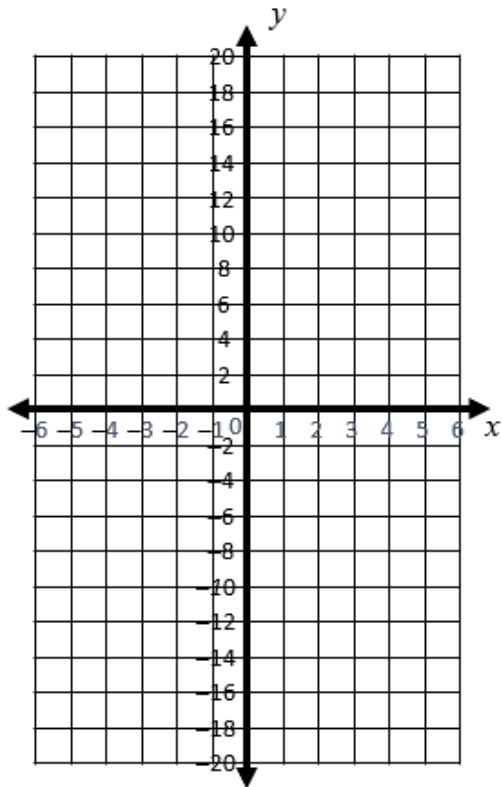


5. $f(x) = -x^2 - 2x + 3$, for $-4 \leq x \leq 3$

(a) Complete the table below with the values of y .

x	-4	-3	-2	-1	0	1	2	3
y								

(b) Use the grid to draw the graph of the function.

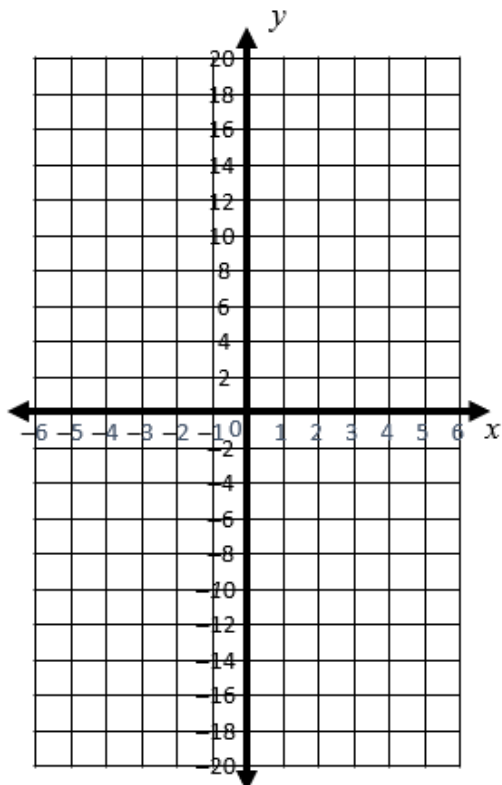


6. $f(x) = 2x^2 - 4x - 6$, for $-2 \leq x \leq 4$

(c) Complete the table below with the values of y .

x	-2	-1	0	1	2	3	4
y							

(d) Use the grid to draw the graph of the function.



7. $f(x) = 4x - x^3$, for $-3 \leq x \leq 3$

(a) Complete the table below with the values of y .

x	-3	-2	-1	0	1	2	3
y							

(b) Use the grid to draw the graph of the function.

