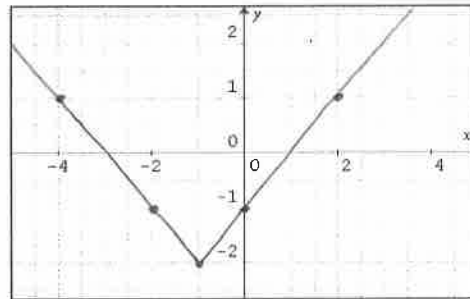


4-4 Graphing a Function RuleUse the function rule $f(x) = |x+1| - 2$ to answer questions 1-2:

1. Complete the data table

x	f(x)
-4	1
-2	-1
0	-1
2	1

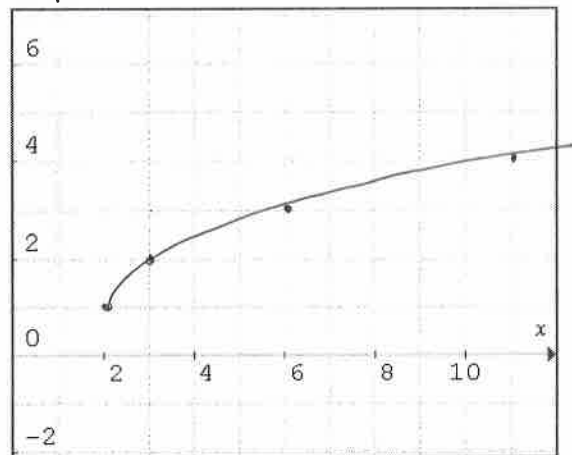
2. Graph the function

Use the function rule $g(x) = \sqrt{x-2} + 1$ to answer questions 3-4:

3. Complete the data table

x	g(x)
2	1
3	2
6	3
11	4

4. Graph the function

5. Is the point (-3, -14) on the graph of the function? $y = -x^2 - 5$ Show how you know.

$$-14 = -(-3)^2 - 5$$

$$-14 = -9 - 5$$

$$-14 = -14 \checkmark$$

Yes!