6.4 Key Concepts 2 Graphing Non-linear Relations Worked Example
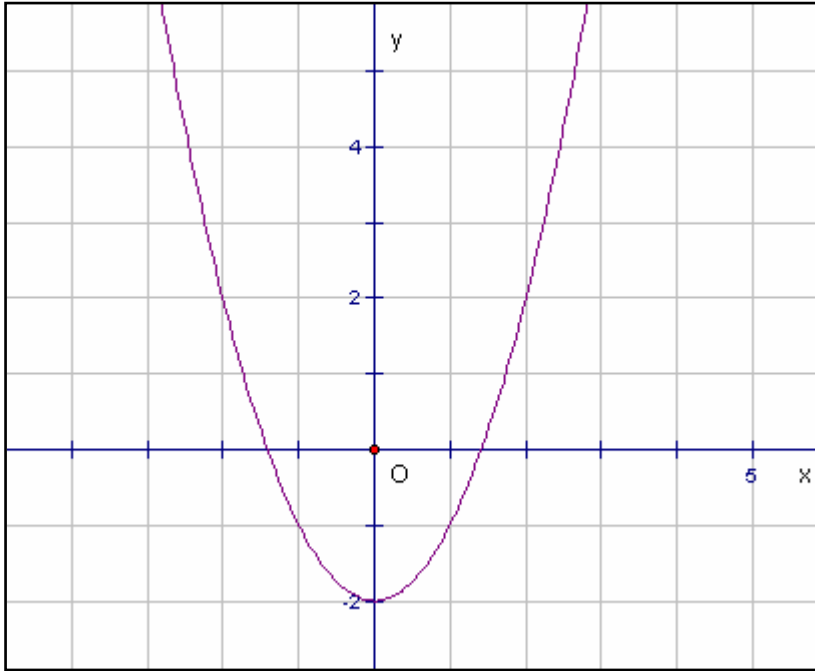
Example: Use a table of values to graph the relation $y = x^2 - 2$.

Solution: The table of values and graph are shown.

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

Practice:

1. Use a table of values to graph the relation $y = -x^2 + 2$.

2. Use a table of values to graph the relation $y = 2x^2 - 1$.