



Timester Challenge

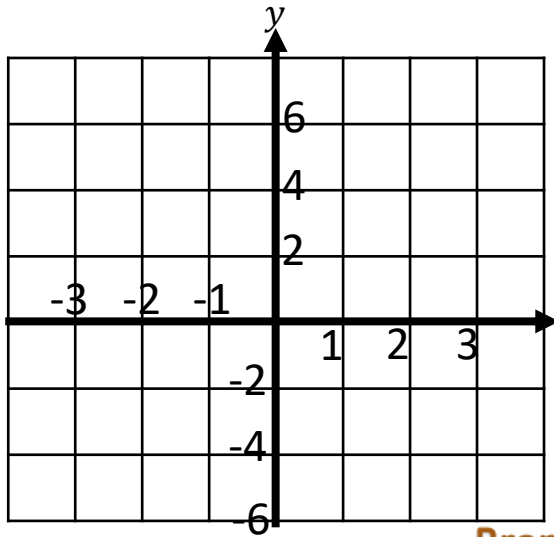
Drawing Quadratic Graphs



a) Complete the of values for $y = x^2 - 2$.

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

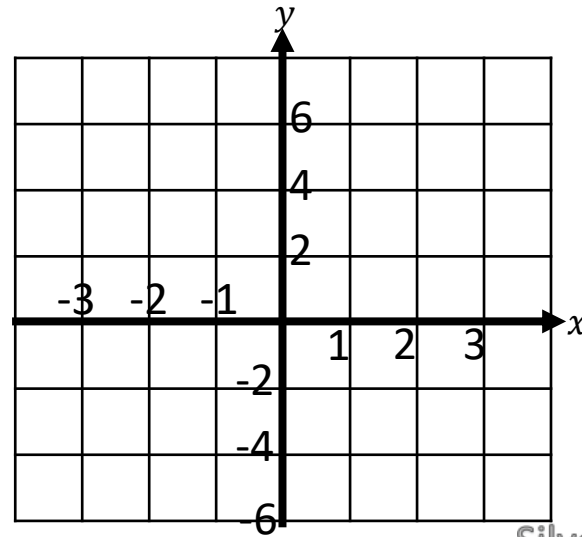
b) On the grid, draw the graph of $y = x^2 - 2$



Bronze ★

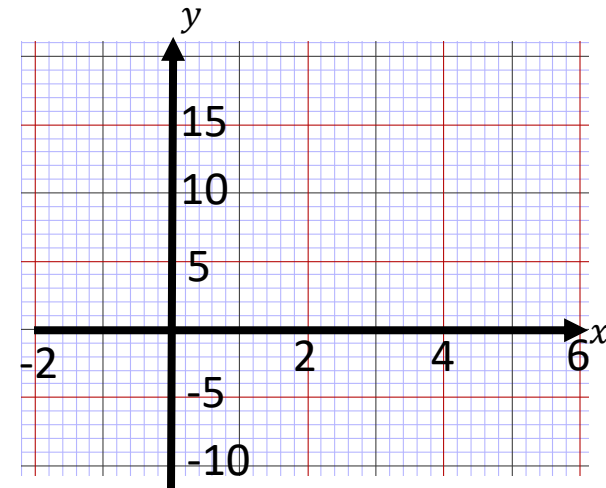
On the grid, draw the graph of $y = x^2 - 2x - 2$ from $x = -2$ to $x = 3$.

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



Silver ★

On the grid, draw the graph of $y = x^2 - 3x + 1$ from $x = -2$ to $x = 4$.



Gold ★



Timester Challenge

Drawing Quadratic Graphs

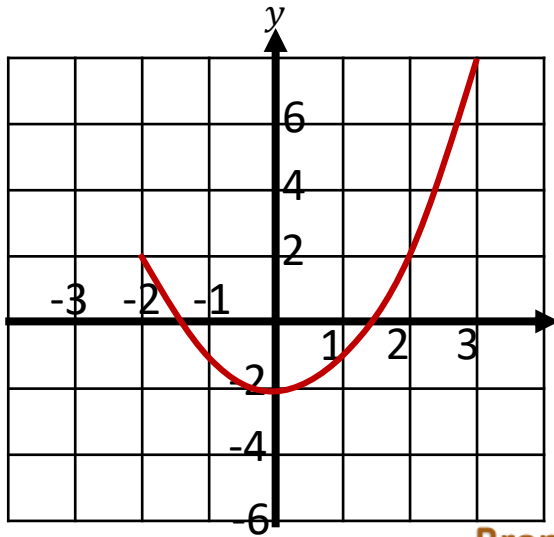


Answers

a) Complete the of values for $y = x^2 - 2$.

x	-2	-1	0	1	2	3
y	2	-1	-2	-1	2	7

b) On the grid, draw the graph of $y = x^2 - 2$

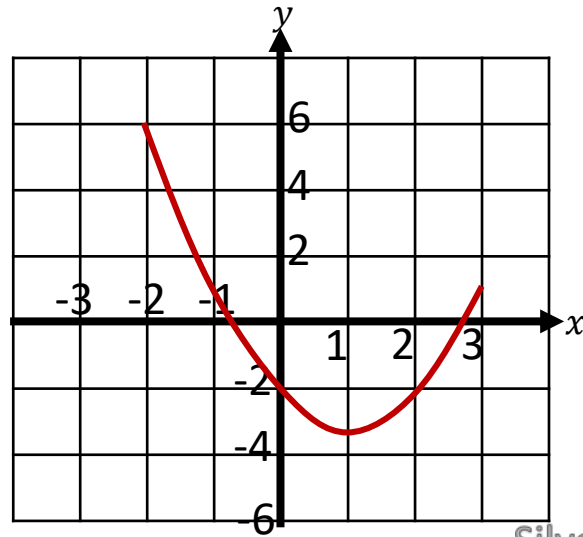


Bronze



On the grid, draw the graph of $y = x^2 - 2x - 2$ from $x = -2$ to $x = 3$.

x	-2	-1	0	1	2	3
y	6	1	-2	-3	-2	1

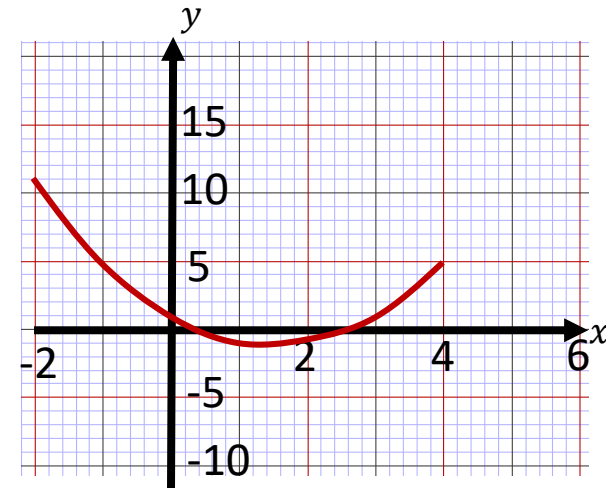


Silver



On the grid, draw the graph of $y = x^2 - 3x + 1$ from $x = -2$ to $x = 4$.

x	-2	-1	0	1	2	3	4
y	11	5	1	-1	-1	1	5



Gold

