

*Solving Quadratic Equations by Graphing

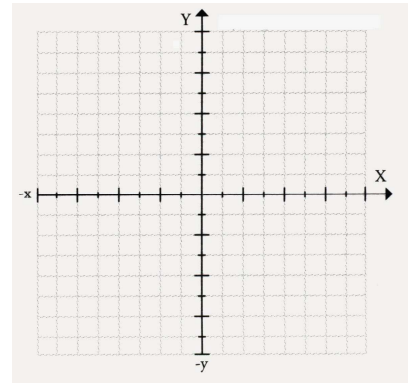
1.) Solve $x^2 - 6x + 8 = 0$

Vertex:

Table:

x	y
1	
2	
4	
5	

Graph:



Solutions

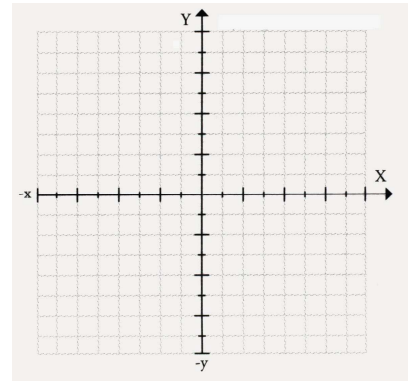
2.) Solve $-x^2 - 4x - 3 = 0$

Vertex:

Table:

x	y
0	
-1	
-2	
-3	

Graph:



Solutions:

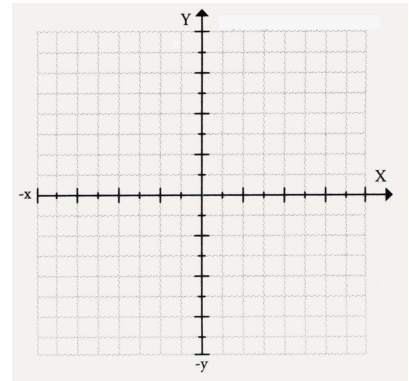
3.) Solve $x^2 - 6x + 5 = 0$

Vertex:

Table:

x	y
0	
1	
2	
5	

Graph:



Solutions:

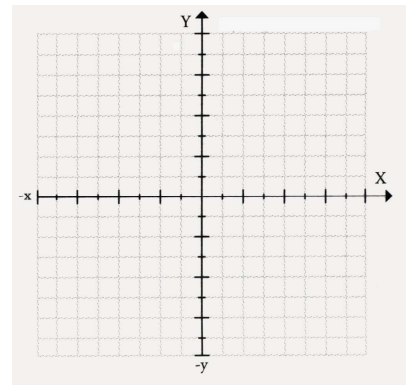
4.) Solve $x^2 + 4x + 4 = 0$

Vertex:

Table:

x	y
0	
-1	
-3	
-4	

Graph:



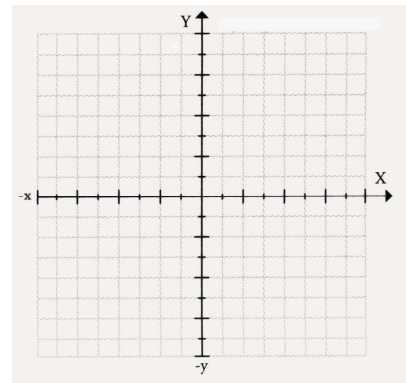
Solution:

5.) Solve $x^2 + 2x + 5 = 0$

Vertex:

Opens: Up or Down

Graph:



Solution: