

Vertex Form

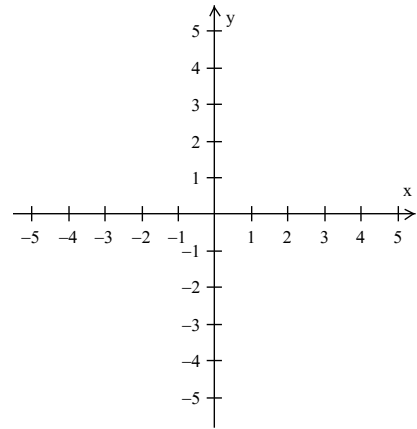
Put the quadratic function into vertex form. Then graph.

a. $y = x^2 + 4x + 5$

vertex:

domain:

range:

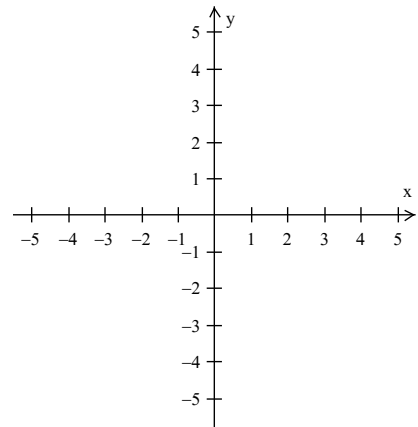


b. $y = x^2 - 6x + 6$

vertex:

domain:

range:

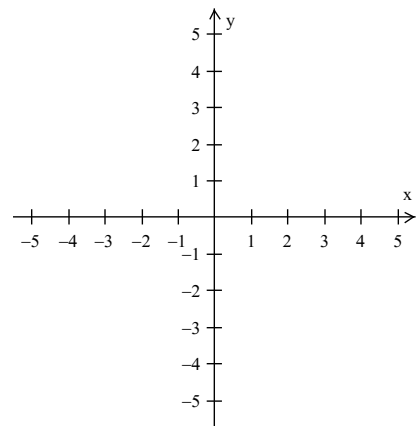


c. $y = x^2 + 2x - 2$

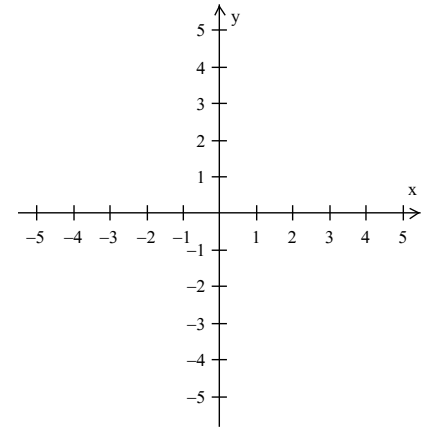
vertex:

domain:

range:



d. $y = x^2 + 8x + 12$

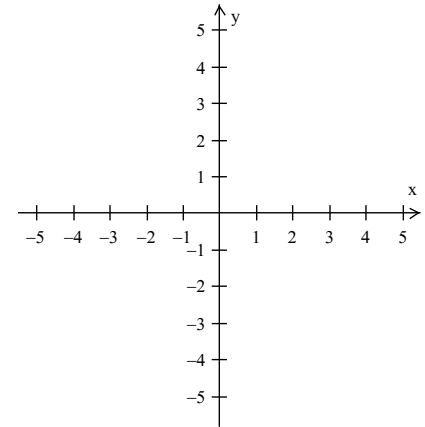


vertex:

domain:

range:

e. $y = x^2 + 4x$

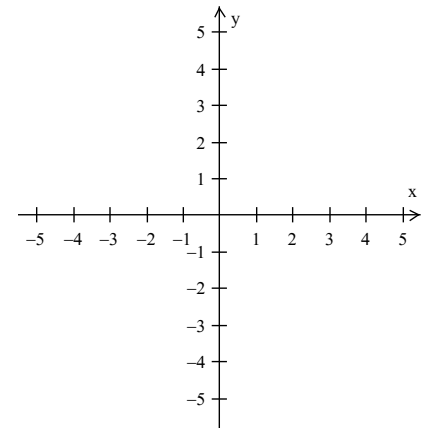


vertex:

domain:

range:

f. $y = x^2 - 3x - 2$



vertex:

domain:

range: