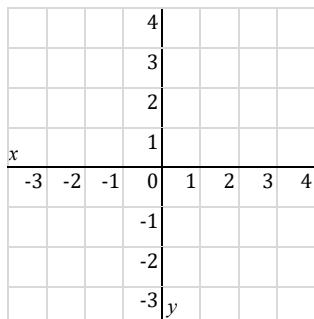


LESSON 115 Practice

Graph by plotting the points for the given x -values. Then identify the vertex and axis of symmetry.

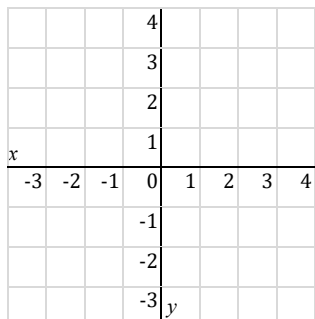
1. $y = x^2$

for $x = -2, -1, 0, 1, 2$



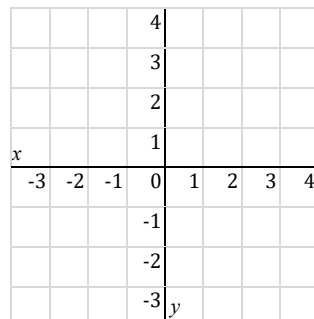
2. $y = x^2 - 3$

for $x = -2, -1, 0, 1, 2$



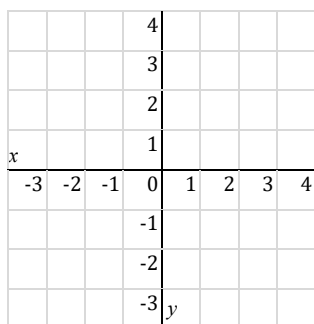
3. $y = x^2 + 2x$

for $x = -3, -2, -1, 0, 1$



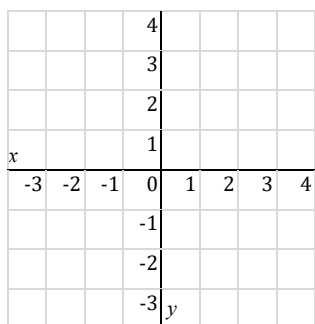
4. $y = -x^2$

for $x = -2, -1, 0, 1, 2$



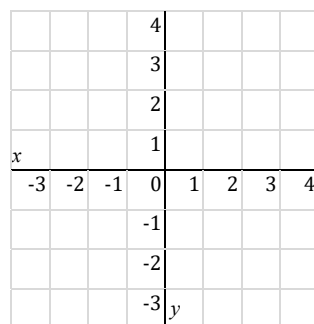
5. $y = -x^2 + 2$

for $x = -2, -1, 0, 1, 2$



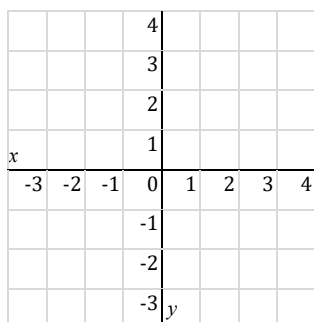
6. $y = -x^2 + 2x$

for $x = -1, 0, 1, 2, 3$



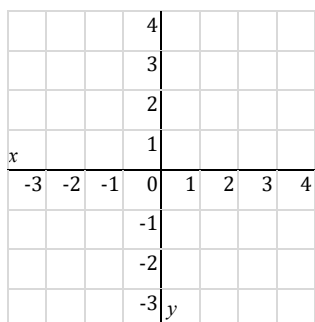
7. $y = x^2 - 2x + 1$

for $x = -1, 0, 1, 2, 3$



8. $y = \frac{1}{4}x^2$

for $x = -4, -2, 0, 2, 4$



9. $y = -2x^2 + 4$

for $x = -2, -1, 0, 1, 2$

