

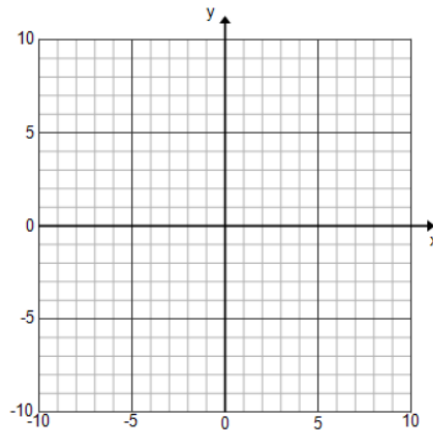
NAME:

UNIT 8 DAY 4

BACK TO THE BASICS – RECAP OF GRAPHING QUADRATICS

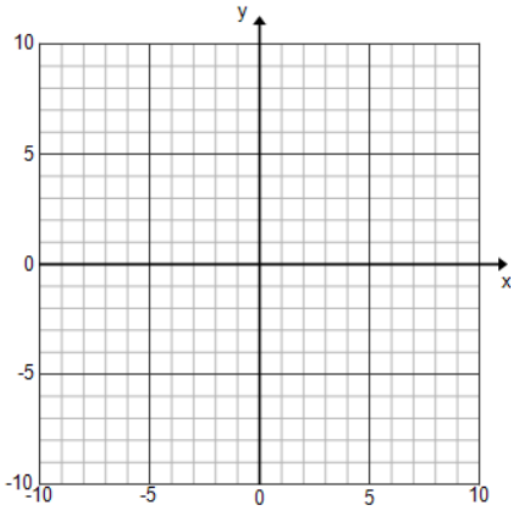


Graph the Parent Function ( $y = x^2$ )

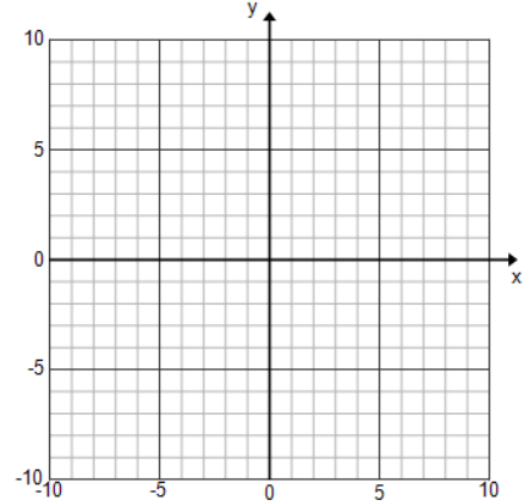


First, describe the transformation. Then graph it.

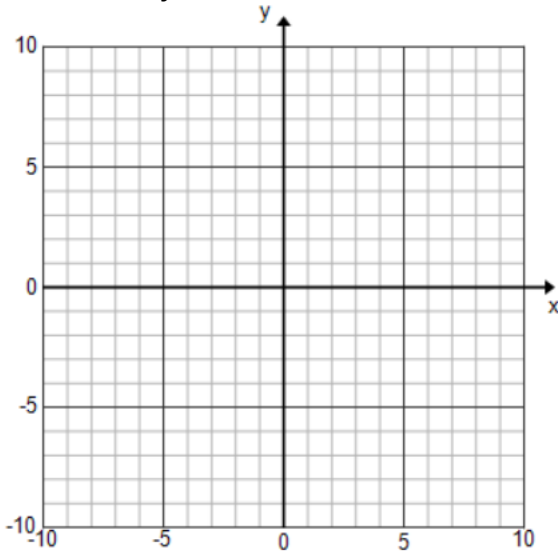
$$y = (x + 3)^2$$



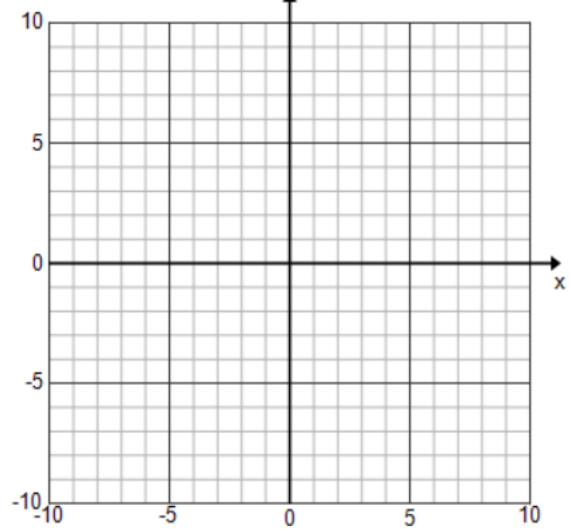
$$y = (x - 3)^2$$



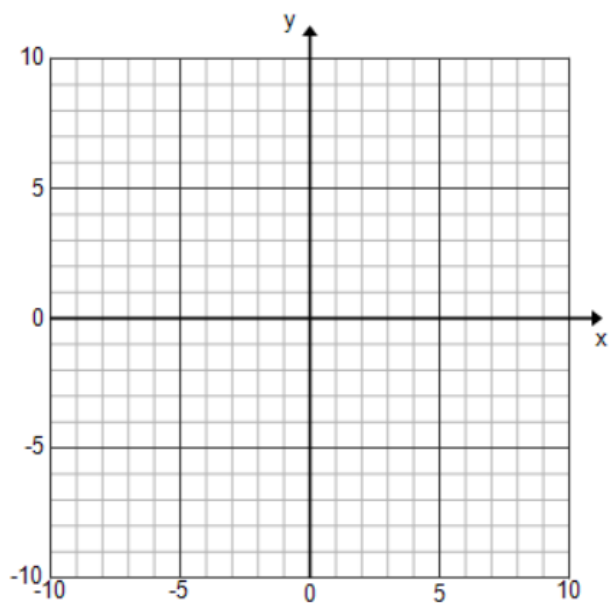
$$y = -x^2$$



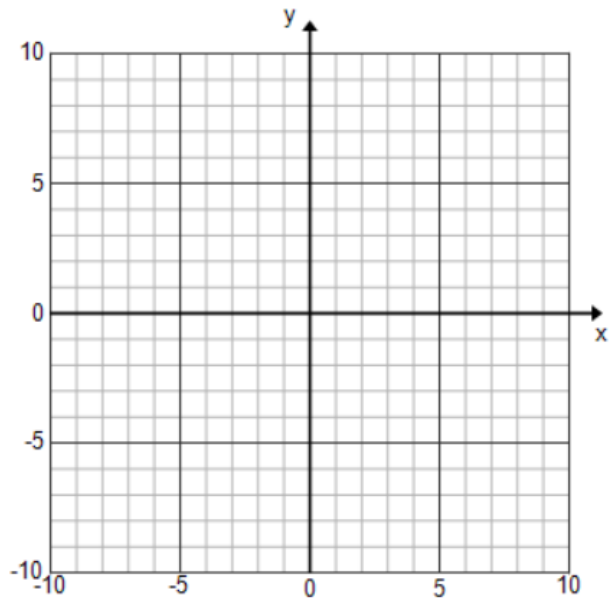
$$y = (-x)^2$$



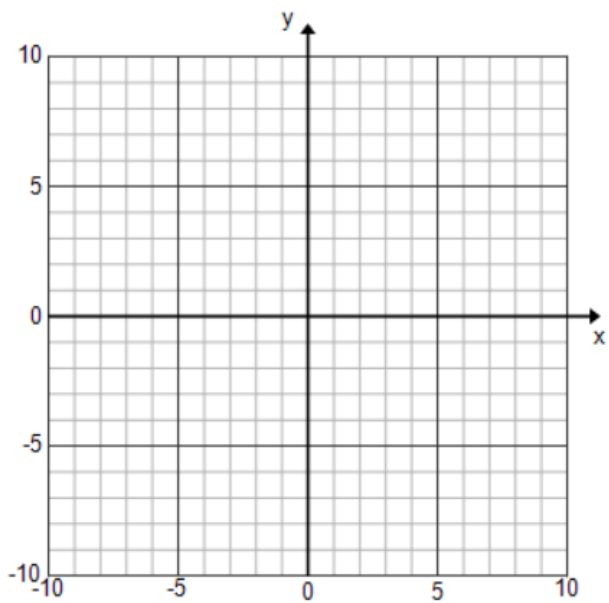
$$y = x^2 + 3$$



$$y = x^2 - 3$$



$$y = 3x^2$$



$$y = 1/3x^2$$

