

Practice Drill 3

Name:

1. State the transformations, determine the domain and range, create the table of values and sketch the graph for each of the following.

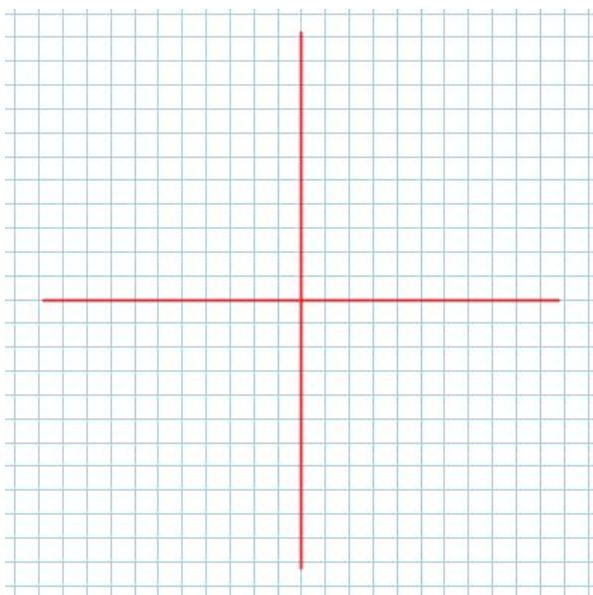
a) $y = x^2 - 7$

b) $y = -(x + 1)^2 + 10$

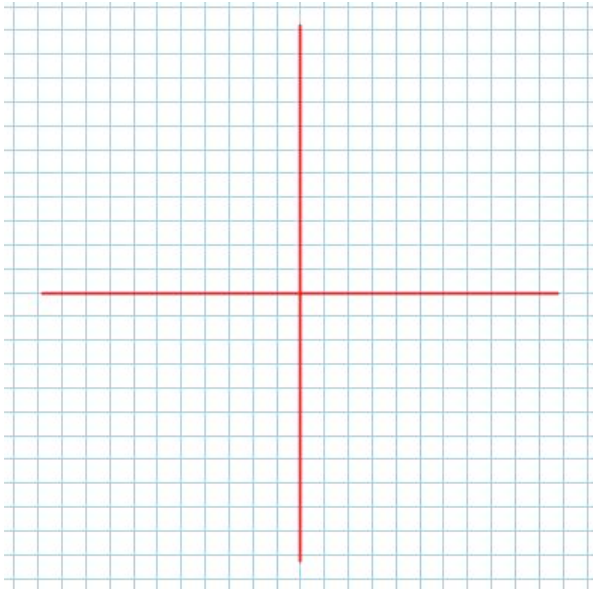
c) $y = -\frac{1}{2}(x + 2)^2 - 3$

d) $y = 2(x - 5)^2$

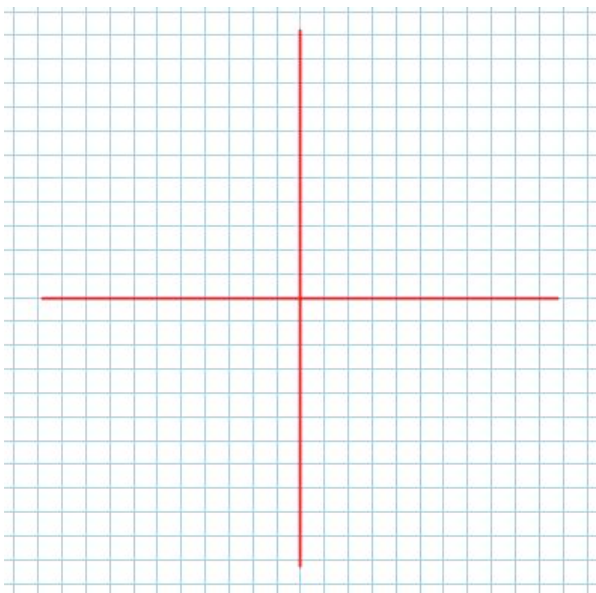
a)



b)



c)



d)

