

(C1-4.6) Name:

Homework Questions 6 – Transformation of Parabolas Graphs

The basic Parabola graph is $y = x^2$ describe the transformation/s that has taken place to make the following graphs

a) $y = -x^2$

b) $y = 3x^2$

c) $y = x^2 - 5$

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

e) $y = \frac{1}{5}x^2$

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

g) $y = x^2 + 8$

h) $y = -6x^2 - 4$

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

j) $y = -3(x - 4)^2 - 6$