

MPM2D-SERPE
Transformations Assignment

This assignment is to be submitted before the end of the period.

1. For each of the following quadratics:

a) state the transformations

b) graph

c) state vertex, AOS, direction of opening, optimum value, domain and range

i) $y = -x^2$

ii) $y = -\frac{3}{4}x^2$

iii) $y = 7x^2$

iv) $y = -\frac{2}{3}x^2$

v) $y = 5x^2$

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

iii) $y = -2x^2$

iv) $y = \frac{3}{2}x^2$