

(1) Draw the following functions on different Cartesian planes:

(a) $2y = 2x^2 - 6x + 4$

[illegible]

[illegible]

[illegible]

(2) (a) Draw on the same Cartesian plane:

$$p(x) = x^2 - 2x \quad \text{and} \quad q(x) = 4 - x^2$$

(b) Use the graph in (a) and determine the following:

- (i) The domain of p .
- (ii) The range of q .
- (iii) Min/Max value of q .
- (iv) x if $p(x) = q(x)$.

[illegible]



