



Q5

- a) Domain: ~~$x \geq 5$~~ $x \leq 5$, $x \leq -5$ & ~~$x \geq -5$~~
Range: $y \leq 10$, $y \geq 0$

b) $\log_2^{10} \times 1000$
 $= 3010.300$

II 12

c)

d) $\frac{1}{2}h(F+2m+L)$

$$\frac{1}{2} \times 4 \left(\overset{F}{1.3} + \overset{L}{1.7} \right)$$

$$2 \times 3$$

$$A \doteq 6 \text{ m}^2$$

II)

$$0.5 \times 60 \times 60$$

$$V = 1800 \text{ L}^3/\text{hour}$$