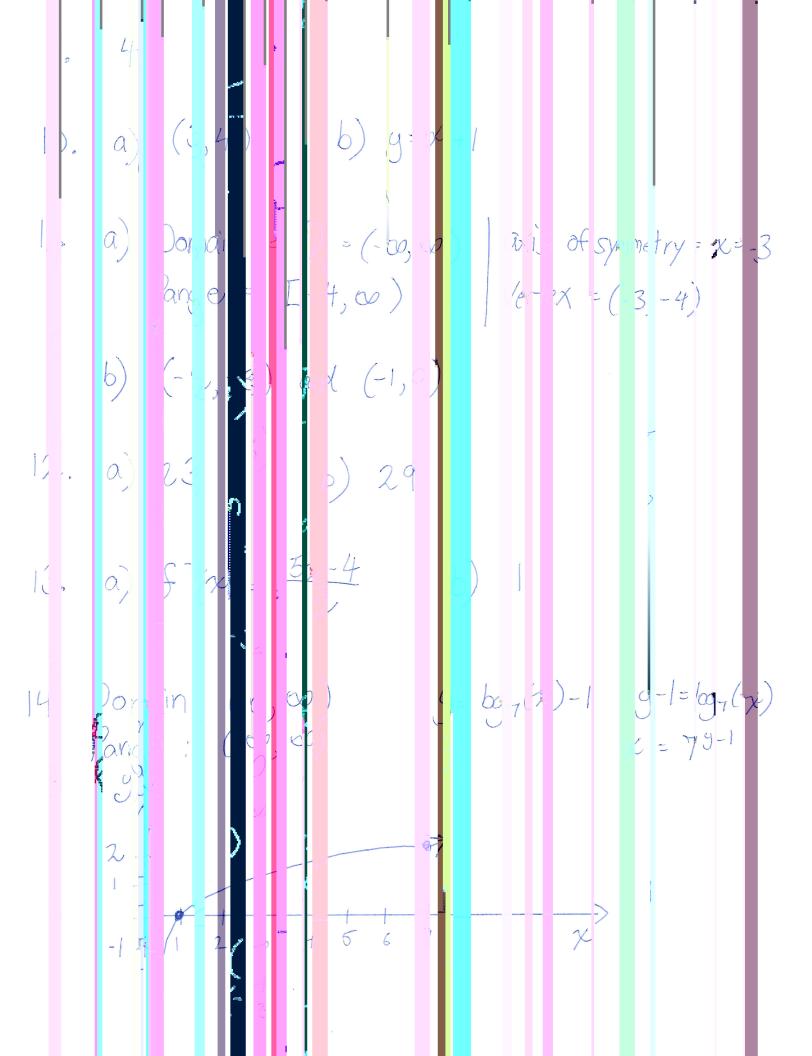
DAWSON COLLEGE MATHEMATICS it CIASCIAS CEIT NTETBT 1 0 0 1 39.004 [MATHE]

- (e) (3 points) $5 \frac{3}{3}$ 1
- 7. (4 points) An electrician charges, for each job, a fixed amount plus an amount per hour for labour. If a 3-

15. (9 points) Solve for well

- (a) $(3 \text{ points}) \log_3 x \log_3 2x \ 1 \ 0$
- (b) (3 points) 6^{3x} 1 $\frac{1}{36}$ x^2
 - (c) (3 points) $3 5^x$

$$\frac{1}{2} \frac{3}{2} \frac{3}$$



15. (1)
$$x = \frac{1}{2} x \text{ or } x = \frac{1}{3}$$

(2) $x = \frac{10.45}{10.5}$

(3) $x = \frac{10.45}{10.5}$

(4) $x = \frac{10.45}{10.95}$

(5) $x = \frac{10.45}{10.95}$

(6) $x = \frac{10.45}{10.95}$

(7) $x = \frac{10.45}{10.95}$

(8) $x = \frac{10.45}{10.95}$

(9) $x = \frac{10.45}{10.95}$

(9) $x = \frac{10.45}{10.95}$

(10) $x = \frac{10.45}{10.95}$

(11) $x = \frac{10.45}{10.95}$

(12) $x = \frac{10.45}{10.95}$

(13) $x = \frac{10.45}{10.95}$

(14) $x = \frac{10.45}{10.95}$

(15) $x = \frac{10.45}{10.95}$

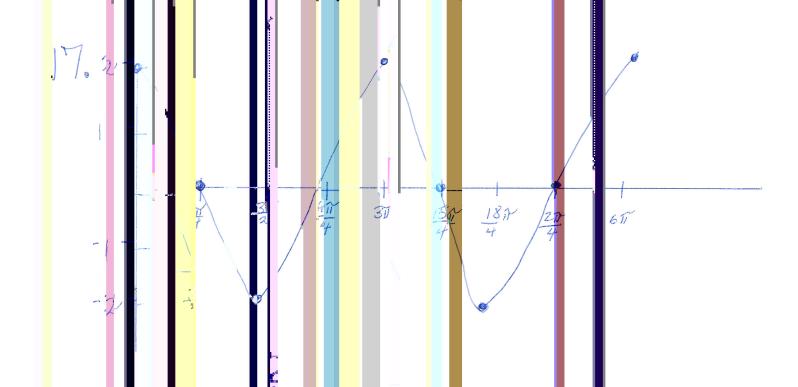
(16) $x = \frac{10.45}{10.95}$

(17) $x = \frac{10.45}{10.95}$

(17) $x = \frac{10.45}{10.95}$

(18) $x = \frac{10.45}{10.95}$

(19) $x = \frac{10.45}{10.9$



- 18. 3811 m²

- 21. 16 3 = 2109.4 cm³