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) $3 5^x$

$$\frac{3}{2} = \frac{3}{2} = \frac{3}$$

1). a) (i,4) b)
$$g:x = 1$$

1. a) Dot at $f: f:x = 1$

and $g: f:x = 1$

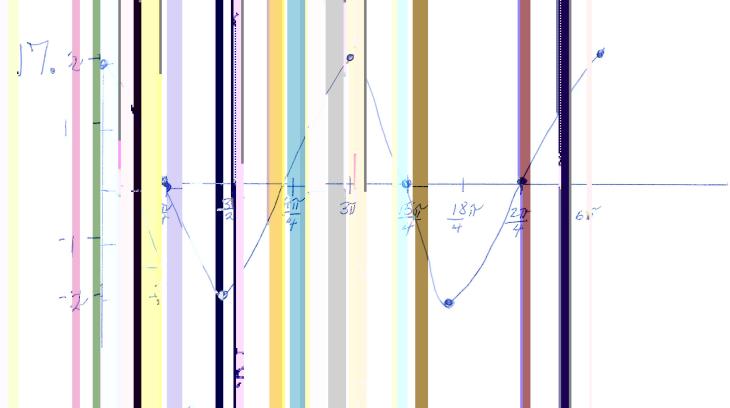
b) $f:x = 1$

1. a) $f:x = 1$

1. a

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

(1) $x = \frac{1}{4} = 3$
(1) $x = \frac{1}{4} = \frac{1}{4$



- 18. 350 m
- 19. $H_{6,19}$ = $30 \frac{\tan 30}{\tan 20} + 30$ $+ 20 \frac{\tan 20}{\tan 20}$
- 20. = 11.
- 21. 16 ? 15 21 21 cq. 4 cm 3