$$12x^2 + 3/4 x^{4/3} + C$$

$$5ai = x_2 = a - 3$$
 ii  $x_3 = 9 - 2a$   $a - 3$ 

$$50 18 \times d^3 = 486$$

$$d^3 = 27$$

$$9a 2 \log_3 9 = C - \log_3 x$$
  $9=2$  when  $x=4$   
 $2 \log_3 2 = C - \log_3 4$   
 $C = \log_3 2^2 + \log_3 4$ 

$$C = 109_3 2^2 + 109_3 4$$
  
 $C = 109_3 16$ 

$$2 \log_3 y = \log_3 16 - \log_3 x$$

$$\log_3 y^2 = \log_3 \frac{16}{x}$$

$$y^{2} = \frac{16}{x}$$

$$y = \frac{16}{x}$$