

$$= \pi / 8 - \frac{x^2}{2} dx$$

$$= \pi \left[ 8x - \frac{3}{2}x^3 \right]$$

= 
$$\frac{1}{2} \pi [16x - \frac{1}{3}x^3]$$
 units 3

bi. 
$$P(fail, connect) = \frac{25}{100} \times \frac{75}{100}$$

$$= \frac{3}{16}$$

(i. 
$$P(fail, fail, fail) = \frac{25}{100} \times \frac{25}{100} \times \frac{25}{100}$$
  
=  $\frac{1}{64}$ 



$$=-\frac{2}{7}$$

$$=-1m$$

$$X = 1 - 4$$
  
++2

$$(1) = 1 - 4$$

$$\frac{(t-2)}{(t+2)} = 1 - 4$$



$$\frac{1-4}{(++2)} - \frac{(++2)}{(++2)}$$



11. continued. $x = 1 - \frac{4}{7+2}$	
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