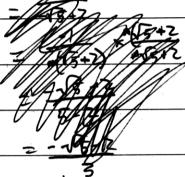


m: AMM

0<<<!

: but the series has a limiters seem

$$5 = \frac{1}{1 - (5-2)}$$



$$=\frac{-\sqrt{5}-3}{-4}$$

= 25 litres

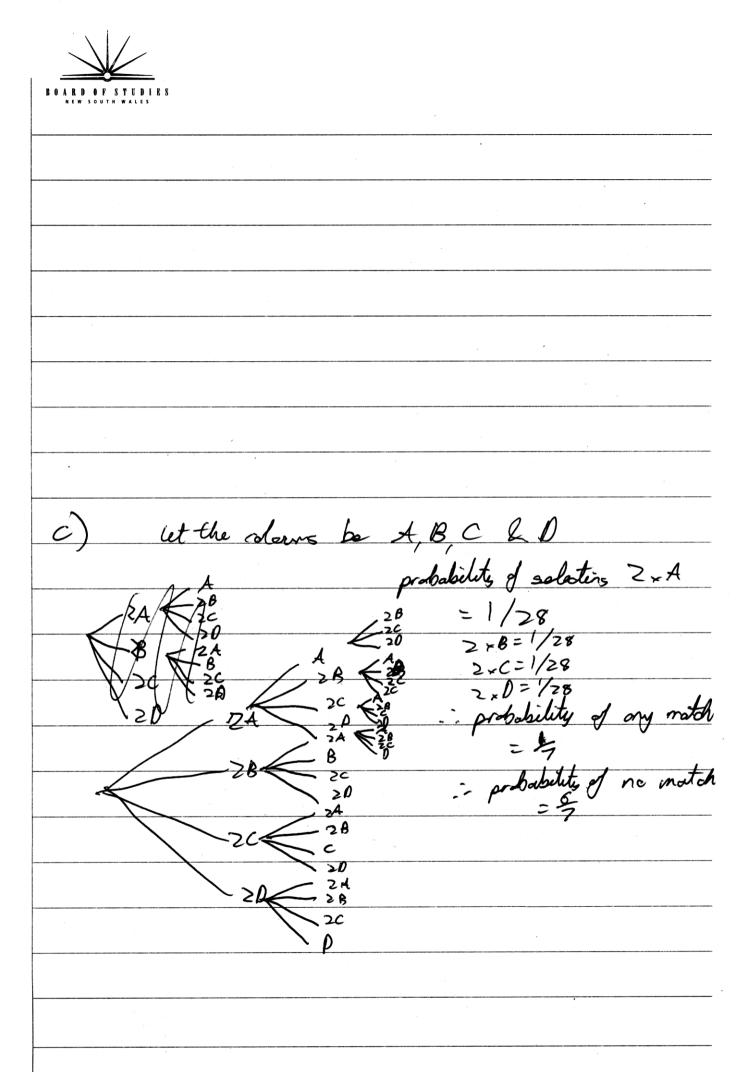
$$\frac{1}{100} = 1 - \frac{1}{30} + \frac{1^{2}}{3600}$$

$$100 = 3600 - 1206 + 1^{2}$$



t2-120+ +2700 =0	
1= 1≥0 ± √1202-4.2700	
= (20±60	
= 90 and 30 seconds	
0 < + 600	
:. When t=>0 seconds	
iii) y'= 25, 2(1-10) - 20 V'= 2t-13	20
$\frac{1}{2}\sqrt{2}\left(\left(-\frac{t}{00}\right)\right)$	
-2-5 72-5	
V7 100 25 1 - 2 1 12	
-5t + 5t	74 × 5
V'/=/-5 10t/	17 - 15P
-/3±/17	(N)
$\sqrt{\frac{1}{2}} 25 \left(1 - \frac{2t}{60} + \frac{t^2}{3600}\right)$	······································
= 25 - 5t + the	
V'= \$ - \frac{1}{6}	
$\frac{12}{\text{sub in } t=30}$	
V' = 3° - 5	
$=-\frac{5}{12}$ L/second	
12 4 2000	

02WB4





(i) probability of sedection 2xA
= 9 96
$2 \times B = \frac{9}{96}$
Z, C= \(\frac{\alpha}{26}\)
$Z_{+}0=\frac{\alpha}{96}$
i- selections a paint is = 3
probability of no pair is= 56
iii) from above = 3