$\star 1: 2(-1)+5 = A(0) + B(-1-0) \Rightarrow 3 = -3B, \text{ or } B = -1$	
•	
$x=2$: $2(0)+5=A(2+1)+B(0) \Rightarrow 9=3A$ or $A=3$	
4. Set x equal to each pot of Jamonington.	
$2X^{T} - 7XX^{T} + 9X^{T} = $	
2.15 - 10.1 + 20.1	
The state of the s	
. Clear the denomination outs A (x-D(x+1) + B (x-D(x+1)	()
. Sut up the PFD, 2x+5 A B	2
$(\chi - \chi - \chi - \chi) \qquad (\chi - 2) (\chi + 1) = \chi - \chi - \chi$	
,	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
1. Factor demonspersor	
10/1/2007	Note Title

					× ×	2	1XX	5, Twiespate:	- X - X	1,2	Now 2x+5	
			 - /m / X+1	$\int_{0}^{\infty} \left \left(x-2 \right)^{2} \right $	_	12-X/WC = AP - (2)	5 100 00 00 00 00 00 00 00 00 00 00 00 00			1+X C		
						$ \times$ \times \times \times \times \times \times \times						

Ex
$$\frac{1}{3-x}$$
 dx 1. Factor dimoninator.
 $\frac{3}{3-x} = \frac{1}{x} + \frac{8}{x+1} + \frac{C}{x-1}$ 3. $C = A(x+1)(x-1) + B \times (x-1) + C \times (x+1)$
2. $\frac{3}{2-x} = \frac{1}{x} + \frac{8}{x+1} + \frac{C}{x-1}$ 3. $C = A(x+1)(x-1) + B \times (x-1) + C \times (x+1)$
4. $x=0$: $C = A(1)(-1) + B \cdot 0 + C \cdot 0 \Rightarrow A = -6$
 $x=-1$: $C = A \cdot 0 + B(-1)(-2) + C \cdot 0 \Rightarrow 6 = 2B$, $B=3$
 $x=1$: $C = A \cdot 0 + B \cdot 0 + C(1)(2) \Rightarrow C = 3$
3. $C = A \cdot 0 + B \cdot 0 + C(1)(2) \Rightarrow C = 3$
3. $C = A \cdot 0 + B \cdot 0 + C(1)(2) \Rightarrow C = 3$
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3. $C = A \cdot 0 + B \cdot 0 + C(1)(2) \Rightarrow C = 3$

$= 2 \left[\frac{te^{t} - \int e^{t} dt}{2} \right] = 2 \left[\frac{te^{t} - e^{t} + C}{4} \right]$ $= 2 e^{\sqrt{x+1}} \left(\sqrt{x+1} - 4 \right) + C$	$t = \sqrt{x+1}$ $dx = \frac{1}{2}(x+1)^{1/2}dx$ $dx = 2\sqrt{x+1}$ $dx = 2t$
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$$\frac{E_{x}}{1 + e^{-2s}} = \frac{e^{-2s}}{1 + e^{-4s}} ds$$

$$\frac{e^{-2s}}{1 + e^{-4s}} ds$$

$$\frac{dw}{ds} = 2e^{-2s} ds$$

$$\frac{dw}{1 + e^{-2s}} = -\frac{1}{2} \frac{dw}{1 + u^{2}} = -\frac{1}{2} \frac{$$