	ID: 22366025	
	CSE 717	
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	Answer to horse and horse problem	
	+m horse n friends problem	
	lets assum n=2, mel	
-	First friend rides house for x distance.	
	They reach destination at same time and rule same distance	
	time and rude same distance	
	first friend starts walking, horse runs towards 2nd fakendy picks him	
	Tuns towards 2nd fatendy picks him	\$
-	So, d-2= 2 Vm + 2- 2 Vm × Vm	
	Vh + Vm	
		244
+	$x = \frac{Vh + Vm}{Vh + 3Vm} \cdot d$	
1	If, there are n=3 friends, then d-2=Vn x	-21/2
1		
+	V ₁	+Vm
1	+ 4-2	
1		
1	$\frac{o a = \frac{V_h + V_m}{V_h + 6V_m} \cdot d}{V_h + 6V_m} \cdot d$ $\frac{d - a}{3} = \frac{a \cdot \frac{V_m}{V_h}}{V_h} + \frac{a - a \cdot \frac{V_m}{V_h}}{V_h + V_m}$ $\frac{d - a}{v_h + v_h} = \frac{a \cdot \frac{V_m}{V_h} + \frac{a - a \cdot \frac{V_m}{V_h}}{V_h + v_m}}{V_h + v_m}$ $\frac{d - a}{v_h + v_h} = \frac{a \cdot \frac{V_m}{V_h} + \frac{a - a \cdot \frac{V_m}{V_h}}{V_h + v_m}}{V_h + v_m}$	Property of the Control of the Contr
1	h 10 16 Sh 10 4 d-2 2 21 Vm 2 - 21 Vm	
-	V_h	·Vm
1	for n=n d-2 a. Vm + 2-2. Vm h+vm	
1	n-1-Vh -Vm	
	VhtVm	
	x= VhtVm d Vh+ (2n-1)Vm	\rightarrow
		$\overline{}$
	Sol for n=12,3, m=1	
And Stage	distance by horse riding - n = Vh + Vm d	
	Vh+(2n-1)Vm	
11		1

