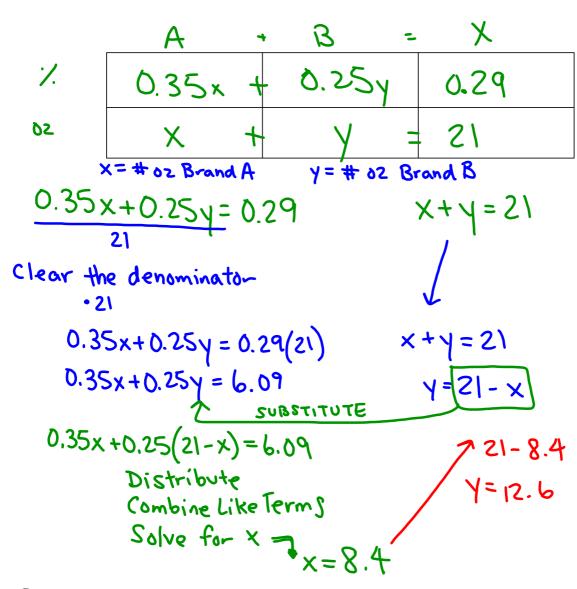
Mixture Problems

Brand x sells 21 oz bags of mixed nuts that contained 29% peanuts. To make their product they combined Brand A mixture with contains 35% peanuts and Brand B mixture with contains 25% peanuts. How much of each do they need to use?



Brand X uses 8.402 of Brand A Peanuts and 12.602 of Brand B Peanuts 1) How many kg of a 30% salt solution and how many kg of a 15% salt solution must be mixed to make 60kg of a 20% salt solution?

	36%	15%	28%	
%	0.3x	D.154	0.20 (60)	30% sol = X
kg	×	У	60	157. sol = y
0.3	Bx +0.15y	= 2 }	X+Y=60	
		:		