

A chemist needs 30 liters of 25% acid solution. She has containers of 10% solution and 30% solution. She begins to make a table:

	Acidity		Amount of sol. (liters)		Amount of acid (liters)
Sol. 1	10%	*	x	=	
Sol. 2	30%	*	$30 - x$	=	
Mix	25%	*	30	=	

How many liters of each should she combine to get the needed solution?

If necessary, express your answer in decimals, and round to the nearest tenth.