

example:

Interpret the following balanced equation in terms of moles, mass, representative particles and then **show that the law of conservation of mass is observed.**

(C = 12, O = 16, H = 1)

	$\text{CH}_4(\text{g})$	+	$2\text{O}_2(\text{g})$	\rightarrow	$\text{CO}_2(\text{g})$	+	$2\text{H}_2\text{O}(\text{g})$	
In terms of representative particles	<input type="text"/>		<input type="text"/>		<input type="text"/>		<input type="text"/>	
In terms of moles	<input type="text"/>		<input type="text"/>		<input type="text"/>		<input type="text"/>	
In terms of Mass	<input type="text"/>		<input type="text"/>		<input type="text"/>		<input type="text"/>	
Law of Conservation of Mass	<input type="text"/>				<input type="text"/>			