

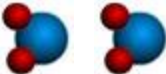


# Warm Up

1) Calculate the mass of the atoms on the left side of the arrow. 2) Then calculate the mass of the atoms on the right side of the arrow. The total mass on the left should equal the total mass on the right. 3) What is this mass? 4) What law explains this?

$2\text{H}_2$	+	$\text{O}_2$	$\longrightarrow$	$2\text{H}_2\text{O}$
	+		$\longrightarrow$	
?		?		?
Mass of H atoms	+	Mass of O atoms	$\longrightarrow$	Total mass of $\text{H}_2\text{O}$ atoms