Video worksheet - balancing chemical equations.

 $\label{thm:complete} \mbox{Complete the table below using the symbols given. The first one is done for you.}$

Image of reaction	Unbalanced chemical equation	Balanced chemical equation
$Z_n + H_{Cl} \longrightarrow H_{H} + Z_n$	Zn + HCl → H ₂ + ZnCl ₂	Zn + 2HCl → H ₂ + ZnCl ₂
$\frac{H}{H} + \frac{Cl}{Cl} \longrightarrow \frac{H}{Cl}$		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		
$\frac{N}{N} + \frac{H}{H} \longrightarrow \frac{H}{N} + \frac{H}{H}$		
Na + H H H H		
Hg		

 $\label{thm:complete} \mbox{Complete the table below using the symbols given. The first one is done for you.}$

Image of balanced chemical equation	Unbalanced chemical equation
Zn + H Cl H + Cl Zn Cl	Zn + HCl → H ₂ + ZnCl ₂
Balanced equationZn + 2HCl → H ₂ + ZnCl ₂	
	$CH_4 + O_2 \rightarrow CO_2 + H_2O$
Balanced equation	
	$H_2S + Cl_2 \rightarrow S + HCl$
Balanced equation	
	Mg + O ₂ → MgO
Balanced equation	$Fe + O_2 \rightarrow Fe_2O_3$
Balanced equation	10 102 7 16203
· <u>—</u>	Cl ₂ + N ₂ → NCl ₃
Balanced equation	