

## Task

If an equation is balanced the number of each type of atom should be the same on each side of the equation. Make sure that each of these equations is balanced.

1.	$C + O_2$	$\rightarrow$	$CO_2$
2.	$H_2 + O_2$	$\rightarrow$	$H_2O$
3.	$Na + H_2O$	$\rightarrow$	$NaOH + H_2$
4.	$Na + O_2$	$\rightarrow$	$Na_2O$
5.	$Na + Cl_2$	$\rightarrow$	$NaCl$
6.	$NaOH + HCl$	$\rightarrow$	$NaCl + H_2O$
7.	$NaOH + HNO_3$	$\rightarrow$	$NaNO_3 + H_2O$
8.	$NaOH + H_2SO_4$	$\rightarrow$	$Na_2SO_4 + H_2O$
9.	$Na_2CO_3 + HCl$	$\rightarrow$	$NaCl + H_2O + CO_2$
10.	$NaOH + CO_2$	$\rightarrow$	$Na_2CO_3 + H_2O$

## Answers

