

Die APP: Gleichungen

Sehr leichte Gleichungen

Vorrat: 20

$1\text{Mg}+1\text{Cl}_2$	$\rightarrow 1\text{MgCl}_2$
$1\text{Mg}+1\text{Br}_2$	$\rightarrow 1\text{MgBr}_2$
$1\text{Ca}+1\text{Cl}_2$	$\rightarrow 1\text{CaCl}_2$
$1\text{Ca}+1\text{Br}_2$	$\rightarrow 1\text{CaBr}_2$
1CaCO_3	$\rightarrow 1\text{CaO}+1\text{CO}_2$
$1\text{CaO}+1\text{H}_2\text{O}$	$\rightarrow 1\text{Ca(OH)}_2$
$1\text{Ca(OH)}_2+1\text{CO}_2$	$\rightarrow 1\text{CaCO}_3+1\text{H}_2\text{O}$
$1\text{HCl}+1\text{NaOH}$	$\rightarrow 1\text{H}_2\text{O}+1\text{NaCl}$
$1\text{H}_2\text{O}+1\text{CO}_2$	$\rightarrow 1\text{H}_2\text{CO}_3$
$1\text{S}+1\text{O}_2$	$\rightarrow 1\text{SO}_2$
1MgCl_2	$\rightarrow 1\text{Mg}+1\text{Cl}_2$
1NiBr_2	$\rightarrow 1\text{Ni}+1\text{Br}_2$
$1\text{AgNO}_3+1\text{HCl}$	$\rightarrow 1\text{AgCl}+1\text{HNO}_3$
$1\text{Fe}+1\text{Br}_2$	$\rightarrow 1\text{FeBr}_2$
$1\text{Cu} +1\text{S}$	$\rightarrow 1\text{CuS}$
$1\text{Fe}+1\text{S}$	$\rightarrow 1\text{FeS}$
$1\text{Ni}+1\text{F}_2$	$\rightarrow 1\text{NiF}_2$
$1\text{HBr}+1\text{KOH}$	$\rightarrow 1\text{KBr}+1\text{H}_2\text{O}$
$1\text{Ca}+1\text{F}_2$	$\rightarrow 1\text{CaF}_2$
$1\text{C}+1\text{O}_2$	$\rightarrow 1\text{CO}_2$

Leichte Gleichungen

Vorrat: 44

$2\text{Na}+1\text{Cl}_2$	$\rightarrow 2\text{NaCl}$
$2\text{Na}+1\text{Br}_2$	$\rightarrow 2\text{NaBr}$
$2\text{Na}+1\text{S}$	$\rightarrow 1\text{Na}_2\text{S}$
$1\text{Zn}+2\text{HCl}$	$\rightarrow 1\text{ZnCl}_2+1\text{H}_2$
$1\text{Fe}+2\text{HCl}$	$\rightarrow 1\text{FeCl}_2+1\text{H}_2$
$2\text{Ca}+1\text{O}_2$	$\rightarrow 2\text{CaO}$
$2\text{K}+1\text{Cl}_2$	$\rightarrow 2\text{KCl}$
$2\text{K}+1\text{S}$	$\rightarrow 1\text{K}_2\text{S}$
$2\text{K}+1\text{Br}_2$	$\rightarrow 2\text{KBr}$
$2\text{Mg}+1\text{O}_2$	$\rightarrow 2\text{MgO}$
$1\text{H}_2+1\text{Cl}_2$	$\rightarrow 2\text{HCl}$
$1\text{H}_2+1\text{Br}_2$	$\rightarrow 2\text{HBr}$
2NaCl	$\rightarrow 2\text{Na}+1\text{Cl}_2$
$2\text{H}_2+1\text{O}_2$	$\rightarrow 2\text{H}_2\text{O}$
2AgCl	$\rightarrow 2\text{Ag}+1\text{Cl}_2$
2CuBr	$\rightarrow 2\text{Cu}+1\text{Br}_2$

Leichte Gleichungen weiter

2MgO	->2Mg+1O ₂
2CuO	->2Cu+1O ₂
2FeO	->2Fe+1O ₂
2KBr	->2K+1Br ₂
2LiBr	->2Li+1Br ₂
2Na+2H ₂ O	->2NaOH+1H ₂
1Ca+2H ₂ O	->1Ca(OH) ₂ +1H ₂
1Mg+2H ₂ O	->1Mg(OH) ₂ +1H ₂
1Cu+2AgCl	->2Ag+1CuCl ₂
2Na+1CuCl ₂	->1Cu+2NaCl
1Cu+2AgNO ₃	->2Ag+1Cu(NO ₃) ₂
1Mg+2HCl	->1MgCl ₂ +1H ₂
1CH ₄ +2O ₂	->1CO ₂ +2H ₂ O
2H ₂ S+1O ₂	->2S+2H ₂ O
4Na+1O ₂	->2Na ₂ O
4K+1O ₂	->2K ₂ O
3Mg+1N ₂	->1Mg ₃ N ₂
4Al+3O ₂	->2Al ₂ O ₃
2Al+3Cl ₂	->2AlCl ₃
2AlCl ₃	->2Al+3Cl ₂
3H ₂ +1N ₂	->2NH ₃
2Na ₂ O	->4Na+1O ₂
2Fe ₂ O ₃	->4Fe+3O ₂
3CuO+2Al	->3Cu+1Al ₂ O ₃
2Cu ₂ O	->4Cu+1O ₂
2Al ₂ O ₃	->4Al+3O ₂
2K+2H ₂ O	->2KOH+1H ₂
1MgCO ₃ +1H ₂ SO ₄	->1MgSO ₄ +1H ₂ O+1CO ₂

„Normale“ Gleichungen**Vorrat: 22**

1Ag+2HNO ₃	->1AgNO ₃ +1NO ₂ +1H ₂ O
1H ₂ SO ₄ +2NaOH	->2H ₂ O+1Na ₂ SO ₄
2NaHCO ₃	->1Na ₂ CO ₃ +1H ₂ O+1CO ₂
2Al+6HCl	->2AlCl ₃ +3H ₂
2Fe+6HCl	->2FeCl ₃ +3H ₂
3Fe+4H ₂ O	->1Fe ₃ O ₄ +4H ₂
1C ₂ H ₄ +3O ₂	->2CO ₂ +2H ₂ O
2C ₂ H ₂ +5O	2->4CO ₂ +2H ₂ O

„Normale“ Gleichungen weiter

$3\text{Ag}+4\text{HNO}_3$	$\rightarrow 3\text{AgNO}_3+1\text{NO}+2\text{H}_2\text{O}$
$1\text{C}_3\text{H}_4+4\text{O}_2$	$\rightarrow 3\text{CO}_2+2\text{H}_2\text{O}$
$1\text{C}_4\text{H}_8+6\text{O}_2$	$\rightarrow 4\text{CO}_2+4\text{H}_2\text{O}$
$2\text{C}_6\text{H}_6+15\text{O}_2$	$\rightarrow 12\text{CO}_2+6\text{H}_2\text{O}$
$3\text{NO}_2+1\text{H}_2\text{O}$	$\rightarrow 2\text{HNO}_3+1\text{NO}$
$3\text{SiO}_2+4\text{Al}$	$\rightarrow 2\text{Al}_2\text{O}_3+3\text{Si}$
$2\text{PbO}+1\text{PbS}$	$\rightarrow 3\text{Pb}+1\text{SO}_2$
4KClO_3	$\rightarrow 3\text{KClO}_4+1\text{KCl}$
$1\text{C}_{12}\text{H}_{22}\text{O}_{11}+1\text{H}_2\text{O}$	$\rightarrow 2\text{C}_6\text{H}_{12}\text{O}_6$
$4\text{Al}+3\text{O}_2$	$\rightarrow 2\text{Al}_2\text{O}_3$
$\text{P}_2\text{O}_5+3\text{H}_2\text{O}$	$\rightarrow 2\text{H}_3\text{PO}_4$
$2\text{H}_2\text{S}+\text{O}_2$	$\rightarrow 2\text{S}+2\text{H}_2\text{O}$
$1\text{CaCO}_3+2\text{HCl}$	$\rightarrow 1\text{CaCl}_2+1\text{H}_2\text{O}+1\text{CO}_2$
2NaHCO_3	$\rightarrow 1\text{Na}_2\text{CO}_3+1\text{H}_2\text{O}+1\text{CO}_2$

Schwere Gleichungen**Vorrat: 22**

$1\text{Cu}+2\text{H}_2\text{SO}_4$	$\rightarrow 1\text{CuSO}_4+1\text{SO}_2+2\text{H}_2\text{O}$
$2\text{NH}_3+2\text{O}_2$	$\rightarrow 1\text{N}_2\text{O}+3\text{H}_2\text{O}$
$4\text{NH}_3+5\text{O}_2$	$\rightarrow 4\text{NO}+6\text{H}_2\text{O}$
$4\text{NH}_3+7\text{O}_2$	$\rightarrow 4\text{NO}_2+6\text{H}_2\text{O}$
$3\text{NO}_2+1\text{H}_2\text{O}$	$\rightarrow 2\text{HNO}_3+1\text{NO}$
$4\text{FeS}_2+11\text{O}_2$	$\rightarrow 2\text{Fe}_2\text{O}_3+8\text{SO}_2$
$1\text{C}_2\text{H}_5\text{OH}+1\text{CuO}$	$\rightarrow 1\text{C}_2\text{H}_4\text{O}+1\text{Cu}+1\text{H}_2\text{O}$
$8\text{CO}+17\text{H}_2$	$\rightarrow 1\text{C}_8\text{H}_{18}+8\text{H}_2\text{O}$
$1\text{C}_3\text{H}_8+5\text{O}_2$	$\rightarrow 3\text{CO}_2+4\text{H}_2\text{O}$
$2\text{C}_2\text{H}_6+7\text{O}_2$	$\rightarrow 4\text{CO}_2+6\text{H}_2\text{O}$
$1\text{C}_5\text{H}_{12}+8\text{O}_2$	$\rightarrow 5\text{CO}_2+6\text{H}_2\text{O}$
$2\text{C}_3\text{H}_6+9\text{O}_2$	$\rightarrow 6\text{CO}_2+6\text{H}_2\text{O}$
$1\text{C}_6\text{H}_{12}+9\text{O}_2$	$\rightarrow 6\text{CO}_2+6\text{H}_2\text{O}$
$1\text{I}_2+10\text{HNO}_3$	$\rightarrow 2\text{HIO}_3+10\text{NO}_2+4\text{H}_2\text{O}$
$2\text{Al}(\text{OH})_3+3\text{H}_2\text{SO}_4$	$\rightarrow 1\text{Al}_2(\text{SO}_4)_3+6\text{H}_2\text{O}$
$2\text{Pb}(\text{NO}_3)_2$	$\rightarrow 2\text{PbO}+4\text{NO}_2+1\text{O}_2$
$8\text{Fe}(\text{OH})_2+1\text{NaNO}_3+6\text{H}_2\text{O}$	$\rightarrow 8\text{Fe}(\text{OH})_3+1\text{NH}_3+1\text{NaOH}$
$4\text{HCl}+1\text{MnO}_2$	$\rightarrow 1\text{MnCl}_2+1\text{Cl}_2+2\text{H}_2\text{O}$
$6\text{KOH}+3\text{Br}_2$	$\rightarrow 1\text{KBrO}_3+5\text{KBr}+3\text{H}_2\text{O}$
$3\text{Cu}+8\text{HNO}_3$	$\rightarrow 3\text{Cu}(\text{NO}_3)_2+2\text{NO}+4\text{H}_2\text{O}$