1) **2** $NaBr$ + **1** $Ca(OH)_2$ → **1** $CaBr_2$ + **2** $NaOH$ Type of reaction: **double displacement**

2) **2** NH_3+ **1** H_2SO_4 → **1** $(NH_4)_2SO_4$ Type of reaction: **synthesis**

3) **4** C_5H_9O + **27** O_2 → **20** CO_2 + **18** H_2O Type of reaction: **combustion**

4) **3** Pb + **2** H_3PO_4 → **3** H_2 + **1** $Pb_3(PO_4)_2$ Type of reaction: **single replacement**

5) **1** Li_3N + **3** NH_4NO_3 → **3** $LiNO_3$ + **1** $(NH_4)_3N$ Type of reaction: **double replacement**

6) **2** $KClO_3$ → **2** KCl + **3** O_2 Type of reaction : **decomposition**

7) **2** KBr + F_2 → **2** KF + Br_2 Type of reaction: **single replacement**

8) Na_3PO_4 + **3** KOH → **3** $NaOH$ + K_3PO_4 Type of reaction: **double replacement**

9) $MgCl_2$ + Li_2CO_3 → $MgCO_3$ + **2** $LiCl$ Type of reaction: **double replacement**

10) $CaCO_3$ → CaO + CO_2 Type of reaction: **decomposition**

11) **2** C_5H_5 + Fe → $Fe(C_5H_5)_2$ Type of reaction: **synthesis**

12) $SeCl_6$ + O_2 → SeO_2 + **3**Cl_2 Type of reaction: **single replacement**

13) C_3H_6O + **4** O_2 → **3** CO_2 + **3** H_2O Type of reaction: **combustion**

14) **2** NO_2 → **2** O_2 + N_2 Type of reaction : **decomposition**

15) **1** $AlCl_3$ + **3** Cs → **3** $CsCl$ + **1** Al Type of reaction: **Single Displacement**