



## Chemical Reactions

### Set 8

1.
  - (a) NO
  - (b) NO<sub>2</sub>
  - (c) N<sub>2</sub>O<sub>4</sub>
  - (d) SO<sub>3</sub>
  - (e) H<sub>2</sub>O
  - (f) P<sub>5</sub>O<sub>10</sub>
  - (g) HCl
  - (h) HI
  - (i) PBr<sub>3</sub>
  - (j) NH<sub>3</sub>
  
2.
  - (a) LiCl
  - (b) AgI
  - (c) KNO<sub>3</sub>
  - (d) CeCH<sub>3</sub>COO
  - (e) BaBr<sub>2</sub>
  - (f) CuSO<sub>4</sub>
  - (g) MnO<sub>2</sub>
  - (h) Ni(NO<sub>3</sub>)<sub>2</sub>
  - (i) Al<sub>2</sub>O<sub>3</sub>
  - (j) Cr<sub>2</sub>(SO<sub>4</sub>)<sub>3</sub>
  - (k) Pb<sub>3</sub>(PO<sub>4</sub>)<sub>4</sub>
  - (l) (NH<sub>4</sub>)<sub>2</sub>Cr<sub>2</sub>O<sub>7</sub>
  
3.
  - (a) carbon monoxide
  - (b) dinitrogen monoxide
  - (c) hydrogen sulfide
  - (d) hydrogen peroxide
  - (e) phosphoric acid (hydrogen phosphate)
  - (f) calcium nitride
  - (g) nitric acid (hydrogen nitrate)
  - (h) cobalt hydrogenphosphate
  - (i) copper(I) chloride
  - (j) iron(II) sulfate