



CYANIDE



PERCHLORATE



DIHYDROGEN
PHOSPHATE

**POLYATOMIC
ANIONS
WITH 1-
CHARGE**



NITRATE



NITRITE



HYDROXIDE

BONUS

CYANIDE

PERCHLORATE

BONUS
**DIHYDROGEN
PHOSPHATE**

**POLYATOMIC
ANIONS
WITH 1-
CHARGE**

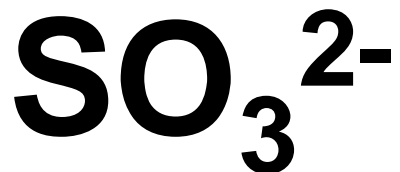
NITRATE

NITRITE

HYDROXIDE



SULFATE



SULFITE



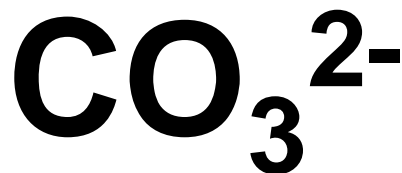
CHROMATE



HYDROGEN
PHOSPHATE



OXALATE



CARBONATE

POLYATOMIC
ANIONS
WITH 2-
CHARGE

SULFATE

SULFITE

CHROMATE

BONUS

**POLYATOMIC
ANIONS
WITH 2-
CHARGE**

**HYDROGEN
PHOSPHATE**

OXALATE

CARBONATE



tin(II)



tin(IV)



lead(II)



lead(IV)



cobalt(II)

BONUS



cobalt(III)

**CATIONS
WITH
MULTIPLE
CHARGES**



copper(I)



copper(II)



chromium(II)



chromium(III)



iron(II)



iron(III)

**CATIONS
WITH
MULTIPLE
CHARGES**

tin(II)

tin(IV)

lead(II)

lead(IV)

cobalt(II)

BONUS

cobalt(III)

copper(I)

copper(II)

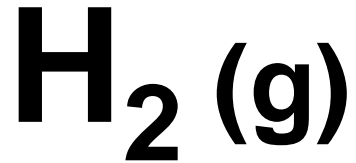
chromium(II)

**chromium(III
)**

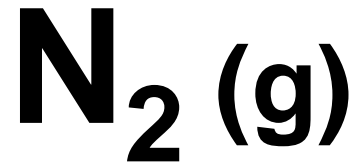
iron(II)

iron(III)

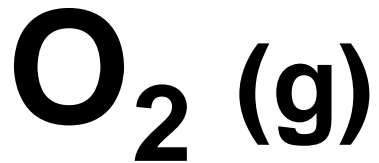
**DIATOMIC
ACIDS**



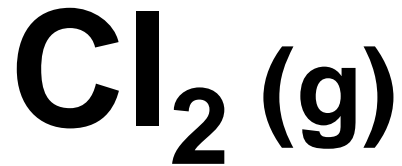
**HYDROGEN
GAS**



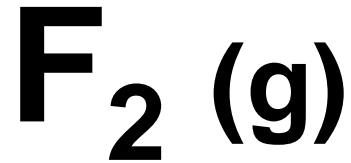
**NITROGEN
GAS**



**OXYGEN
GAS**



**CHLORINE
GAS**



**FLUORINE
GAS**

DIATOMIC ACIDS

**HYDROGEN
GAS**

**NITROGEN
GAS**

**OXYGEN
GAS**

**CHLORINE
GAS**

**FLUORINE
GAS**

**MONATOMIC
CATIONS**



**SODIUM
CATION**



**POTASSIU
M CATION**



**HYDROGEN
CATION**



**MAGNESIUM
CATION**



**CALCIUM
CATION**

MONATOMIC CATIONS

**SODIUM
CATION**

**POTASSIU
M CATION**

**HYDROGEN
CATION**

**MAGNESIUM
CATION**

**CALCIUM
CATION**

WILDCARDS



PHOSPHATE



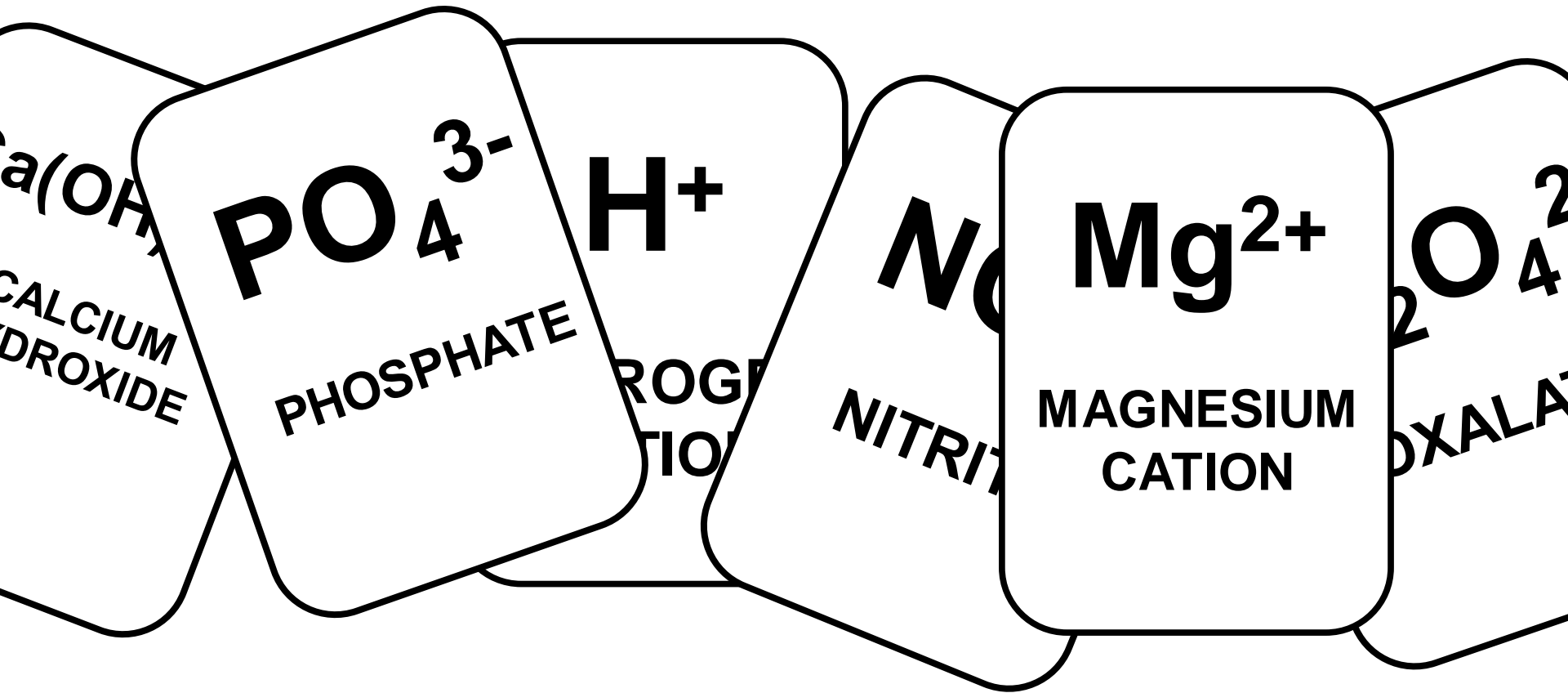
AMMONIUM

WILDCARDS

PHOSPHATE

AMMONIUM

WILDCARDS



DISCARDED

**STRONG
ACIDS**



**HYDROCHLORIC
ACID**



**HYDROBROMIC
ACID**



**PERCHLORIC
ACID**



SULFURIC ACID



NITRIC ACID

STRONG ACIDS

**HYDROCHLORIC
ACID**

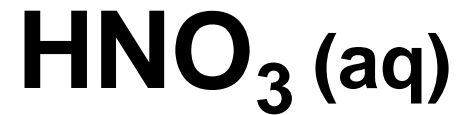
**HYDROBROMIC
ACID**

**PERCHLORIC
ACID**

SULFURIC ACID

NITRIC ACID

**STRONG
ACIDS**



STRONG BASES



**SODIUM
HYDROXIDE**



**POTASSIUM
HYDROXIDE**



**LITHIUM
HYDROXIDE**



**CALCIUM
HYDROXIDE**



**BARIUM
HYDROXIDE**

**STRONG
BASES**

NaOH (aq)

KOH (aq)

LiOH (aq)

Ca(OH)₂ (aq)

Ba(OH)₂ (aq)

STRONG BASES

**SODIUM
HYDROXIDE**

**POTASSIUM
HYDROXIDE**

**LITHIUM
HYDROXIDE**

**CALCIUM
HYDROXIDE**

**BARIUM
HYDROXIDE**

HYDRIDE

H⁻
HYDRIDE



SODIUM
CATION



HYDROXIDE

SODIUM
HYDROXIDE
2 POINTS



HYDROGEN
CATION



NITRITE

HYDROGEN
NITRITE
1 POINT



HYDROGEN
CATION



CHLORIDE
ANION

HYDRO-
CHLORIC ACID
2 POINTS



MAGNESIUM
CATION



CARBONATE

MAGNESIUM
CARBONATE
4 POINTS!!!



HYDROXIDE

Extra card



CYANIDE
ANION

Extra card