

Smart Ways to Remember Concepts

P for **p**lating metal
for **p**ositive electrode

OIL RIG

Oxidation^{Is}
Loss of electrons

Reduction^{Is}
Gain of electrons

ROYAL CHALLENGERS

REDUCTION *at* **CATHODE**

ANION = **A** **NEGATIVE** **ION**

ANIONS GO TO THE **ANODE**
CATIONS GO TO THE **CATHODE**

Reactive electrodes: Silver, Copper, Zinc

Inert electrodes: Platinum, Rhodium, Graphite, Carbon