

March Madness

Element Tournament

Rules for predicting the winners of each round

First round: *Date of discovery*

The element that was discovered earlier proceeds to the second round.

Second round: *Ionization energy*

The element with the higher ionization energy makes it to the Sweet 16.

Third round: *Group number*

The element with the larger group number on your AP periodic table proceeds to the next round.

Fourth round: *Atomic radius*

The element with the larger atomic radius advances to the Final Four.

Semifinals: *Reactivity*

The element (X) that reacts with the alkaline earth metals to form MX_2 will compete for the championship

Finals: *Electron affinity*

The element that has the highest electron affinity wins.

In the event of a tie, the element with the larger number of electrons always wins.