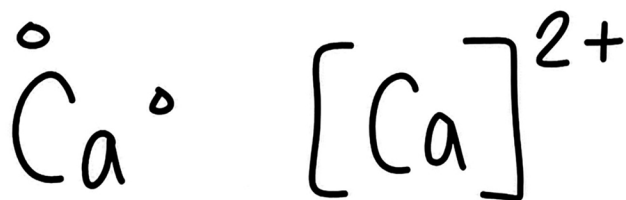


Noteset 2A (Part 4)

Transition Metal Ions

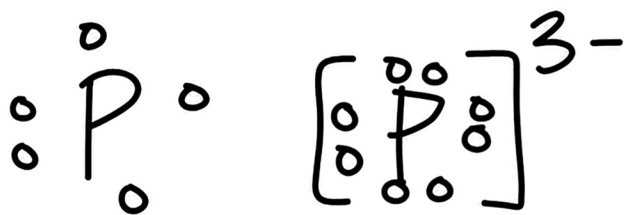
Ion Dot Structure Review

Calcium (Ca) [2A, 2]



<u>Ion Type</u>	<u>Ion Charge</u>	<u>Neutral Val. e⁻</u>	<u>Ion Val. e⁻</u>
Cation	+2	2	0

Phosphorous (P) [5A, 5]



<u>Ion Type</u>	<u>Ion Charge</u>	<u>Neutral Val. e⁻</u>	<u>Ion Val. e⁻</u>
Anion	-3	5	8

Rep vs. Trans. Metals

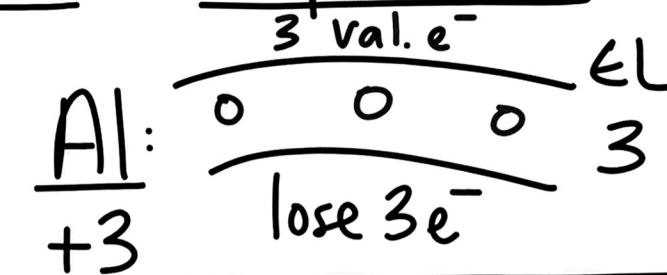
Rep: 1A, 2A, A1

Trans: 1B - 10B +

Always In/Tl (3A),
2 val. e⁻ Sn/Pb (4A),
Bi (5A)



Rep. Metal



Trans. Metals

