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Counting Valence Electrons

<u>Directions</u>: For this activity you must use your periodic table or the provided structural drawings to figure out the number of valence electrons for each of the following atoms/ions.

| 1. | 6. |
|-------------------------------|-----------------------------|
| Mg Valence Electrons = | Valence Electrons = |
| 2. | 7. |
| Ba²+ | Sulfur |
| Valence Electrons = | Valence Electrons = |
| 3. Kr | 8. |
| Valence Electrons = | Valence Electrons = |
| 4. Valence Electrons = | 9. In Valence Electrons = |
| 5. Helium | 10. Cl1 |
| Valence Electrons = | Valence Electrons = |