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|-------------------|----|-------------------|----|-------------------|----|
| Atomic mass | 1 | Atomic mass | 4 | Atomic mass | 7 |
| Valence electrons | 1 | Valence electrons | 2 | Valence electrons | 1 |
| Ionic charge | +1 | Ionic charge | 0 | Ionic charge | +1 |
| Atomic mass | 9 | Atomic mass | 11 | Atomic mass | 12 |
| Valence electrons | 2 | Valence electrons | 3 | Valence electrons | 4 |
| Ionic charge | +2 | Ionic charge | +3 | Ionic charge | +4 |
| Atomic mass | 14 | Atomic mass | 16 | Atomic mass | 19 |
| Valence electrons | 5 | Valence electrons | 6 | Valence electrons | 7 |
| Ionic charge | -3 | Ionic charge | -2 | Ionic charge | -1 |
| Atomic mass | 20 | Atomic mass | 23 | Atomic mass | 24 |
| Valence electrons | 8 | Valence electrons | 1 | Valence electrons | 2 |
| Ionic charge | 0 | Ionic charge | +1 | Ionic charge | +2 |
| Atomic mass | 27 | Atomic mass | 28 | Atomic mass | 31 |
| Valence electrons | 3 | Valence electrons | 4 | Valence electrons | 5 |
| Ionic charge | +3 | Ionic charge | +4 | Ionic charge | -3 |
| Atomic mass | 32 | Atomic mass | 35 | Atomic mass | 40 |
| Valence electrons | 6 | Valence electrons | 7 | Valence electrons | 8 |
| Ionic charge | -2 | Ionic charge | -1 | Ionic charge | 0 |