1. How many valence electrons does oxygen have?

A) 3 B) 4 C) 5 D) 6 E) 7

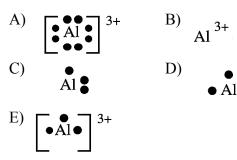
2. The electron dot symbol for nitrogen is.

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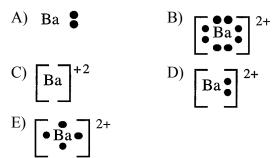
The element represented by an identical electron dot arrangement is

- A) ¹⁰₅B B) ³¹₁₅P
- C) ³²₁₆S D) ⁴⁰₂₀Ca
- E) ¹⁶8O
- 3. The Lewis Dot diagram for an atom of sulfur, 16S, in the ground state is

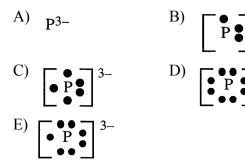
- 4. What is the Lewis electron–dot diagram for neutral atoms of element 12?
 - A) Mg = B Mg Mg = CC) Mg D) Mg⁺² E) $Mg = C^{+}$
- 5. What is the Lewis electron-dot diagram for aluminum, Al, in the ground state?



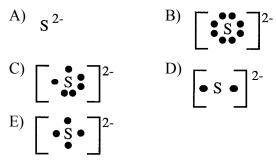
6. Which is the Lewis electron–dot diagram for a barium ion, 46Ba?



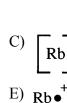
7. Which is the Lewis electron–dot diagram for a phosphide ion?



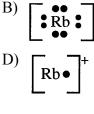
8. What is the Lewis electron–dot diagram for the sulfide ion?



9. What is the Lewis electron–dot diagram for a rubidium ion (element 37)?



A) Rb•



10. The Lewis Dot diagram for a chloride ion, Cl⁻, is

