

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**IB: Electrons in Atoms**  
*Homework*

Draw the Bohr Diagram **AND** the Lewis Electron Dot Diagram for each of the following.

1. An atom of potassium-40

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2. An atom that has 17 total electrons and a mass number of 37

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3. An atom with 2 valence electrons, an atomic number of 12, and a mass number of 26.

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4. An atom with 4 energy levels of electrons, an atomic number of 20, and a mass number of 40.

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5. An atom with the electron configuration of 2-8-3, and a mass number of 28.

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