

# Concept Review

## Section: Ionic and Covalent Bonding

1. **Explain** why atoms will often join together to form bonds.

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2. **Contrast** ionic and covalent bonds.

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3. **Explain** why a triple bond between two nitrogen atoms is stronger than a double bond between two oxygen atoms.

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4. **Explain** how it is possible for a compound to have both ionic and covalent bonds.

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5. **Predict** whether a gold ring would be a good conductor of electricity. What kind of bonds does gold have? How do these bonds explain gold's properties?

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