

Student directions *Build a Molecule* activity

Learning Goals: Students will be able to:

Review:

- Describe the differences between an atom and a molecule.
- Describe what the subscripts and coefficients indicate in chemistry notation.
- Use proper chemistry nomenclature.

New:

- Construct simple molecules from atoms.
- Write rules for how atoms are arranged given formulas for some common molecules
- Draw, name, and write formulas for some common molecules.

Directions:

1. Check with your partner that the “Review” goals could be demonstrated on the test. You may need to use *Build a Molecule* to help you check your knowledge.
2. Use *Build a Molecule* to practice constructing molecules and then write rules that you can use to construct common molecules given the formula.
3. Prepare for the test by doing the clicker questions with your partner or alone and compare ideas.