Anticipated time: 20 minutes

This is a “flipped classroom” type of activity. It should be done after students have completed reading and an ALEKS assignment on intermolecular forces, but before IMFs are discussed in the lecture.

Distribute one kit, including two pens, per pair of students.

Each kit should contain seven double-headed arrows, eight rectangular tiles and two pens.

Debrief after each activity. Representations are shown on the accompanying powerpoint slides.

Follow up with a clicker question that is also included in the powerpoint slides.