



## **Acting it Out (Try It!)**

Before you begin, choose who wants to be the *narrator/checker* and who wants to be the *noticer/recorder*.

**Step 1:** The *narrator* reads the problem and the group brainstorms ways to act it out. The *noticer* is responsible for making sure that any new quantities, constraints, mathematical relationships used in the brainstorming are pointed out and recorded.

**Step 2:** The *narrator* makes sure that the group checks the acting it out ideas to see that they fit all of the constraints in the problem. The group picks one of the acting-it-out approaches.

**Step 3:** As the group acts out the problem, the *noticer* records any relationships or quantities that come up that aren't already on the list of noticings and wonderings. The *narrator/checker* watches carefully to compare the acting out to what the problem says.

**Step 4:** The group decides whether they have enough understanding to try solving the problem. If not, they can try another way to act out the problem, or improve the design of the approach they used.

**Step 5 (optional):** The different groups perform their versions of the problem for each other.

**Noticings: (quantities, constraints, mathematical relationships)**

**Constraints we checked:**

**We are ready to move on because:**

**OR**

**We need to try again and think about:**