

great! 25/25

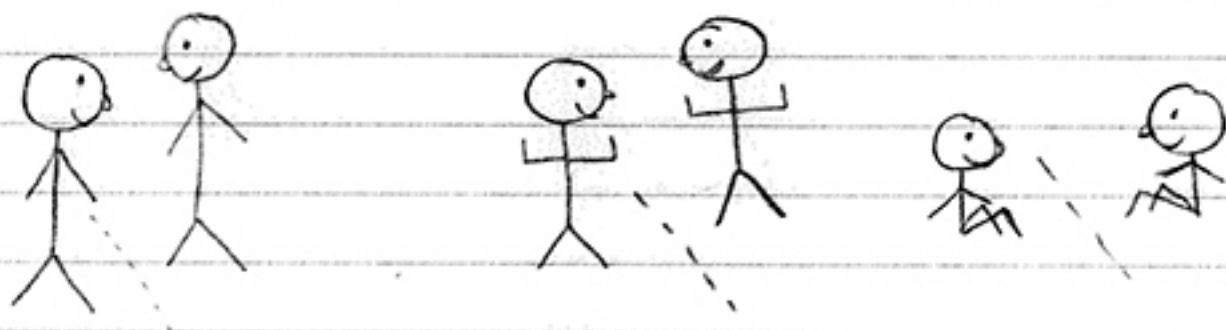
Re-do First HW 9-16-13

There are many ways to switch between reflectional and rotational symmetry. In order to do so, you must follow a few simple rules.

First, the two partners must be facing either towards or away from each other. Next, whatever you do on one side of your body, you must do the same to the other side of your body.

For example, if you raise your right hand, you must also have your left hand raised. If your right hand is by your side, your left hand must be as well. It's like your body is mirroring itself down the center.

Here are some picture examples:



The reason for having to follow these rules is simple. In reflectional symmetry, the anatomical opposite side must do the same thing. In rotational symmetry, the anatomically same part must move together. In order to satisfy both of these requirements your whole body should be a mirror of itself. And you need to satisfy both requirements because then you will be able to switch between them.