

Name: _____

Date: _____ Block: _____

Mirror Survey

When you stand about 1 meter directly in front of a flat mirror (hand held or full length) and look toward the mirror, you see what is called an IMAGE.

1. Compared to your position and the position of the mirror, exactly **where** is the IMAGE?

2. Suppose that someone else looks toward the mirror to see your image. Would this person see your image in the same place or a different place than you see it?

3. As you walk toward the mirror, does your image move? Be as specific as possible.

4. As you walk toward the mirror, does the **SIZE** of your image change? Be as specific as possible.

5. Suppose that when you look toward the mirror, you cannot see all of yourself. What should you do to see more of your image in the mirror?

6. Are the images 2 dimensional (flat) or 3 dimensional (have depth)?

Ask a family member or friend (must be an adult) the **same 6 questions** and record her/his responses:

The person is _____ Signature: _____

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____