**Classwork**: Symmetry exit note

Communicate your answers with text, sketches, and with mathematical notation.

1. Characterize the types of symmetry by describing how each natural object illustrates its particular features.

a. **Bilateral symmetry** (y-axis reflection): a human face, an apple viewed from the side

b. **Reflective symmetry** (x-axis reflection): the reflection of a landscape in a lake.

c. **Point symmetry** (through the origin): the sections of an orange, or the letter “S”

2a. Which natural object inspired your creative work today and what forms of symmetry did you observe?

b. Why do you think the object is symmetric? What purpose does the symmetry serve? How did it happen?

c. Describe both how your work followed the symmetry of the natural object and how you modified it.

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