

# Math Lesson 1A

Instructor:

Time: 30-35 Minutes

## Understanding the Inch

Lesson Goal: Students will be able to identify the parts of an inch fractionally. Students will be able to read and apply fractions to a measuring device.

### Materials:

1. Handouts
2. Homework

### Performance Objectives:

1. Review fractions and their relationship as a number.
2. Have a basic understanding of measurement.
3. Place the appropriate fraction on a one-inch rule.

### Teaching Activities:

1. Review the parts of a fraction and its role in measurement.
2. Draw a one-inch rule on the dry-erase/chalkboard, putting zero on the far left and "1" on the far right.
3. Start with the center, draw a line half as long as the outside two lines, and write  $\frac{1}{2}$  under the line.
4. Draw shorter lines cutting the halves in half. Mark these  $\frac{1}{4}$  and  $\frac{3}{4}$  respectively.
5. Continue cutting each portion down to eighths and finally sixteenths.
6. Fill in the rest of the rule.
7. Explain the reasons for measuring devices.
8. Give handouts.
9. Do in-class activity.
10. Check student progress for mastery.

### Student Activities:

1. Copy rule on a sheet of paper as notes to prepare for in-class activity.
2. Participate in class discussion.
3. Do class activity.
4. Ask questions as needed.

### Reflections on the Lesson:

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Fill in the rule with the appropriate fraction

