

# Math Lesson 1

Instructor:

Time: 30-35 Minutes

## How to Read a Ruler

Lesson Goal: Students will be able to identify and have a basic understanding of the rudiments of measurement. Students will be able to read and apply fractions to a measuring device.

### Materials:

1. Rulers, Tape Measure, Steel Rule
2. Handouts
3. Homework

### Performance Objectives:

1. Review fractions and their relationship as a number.
2. Have a basic understanding of measurement.
3. Use a measuring device to measure length.

### Teaching Activities:

1. Review the parts of a fraction and its role in measurement.
2. Introduce various rulers and a tape measure as measuring implements.
3. Explain the reasons for measuring devices.
4. Break down the English measuring system to  $1/32^{\text{nd}}$  of an inch.
5. Give handouts.
6. Do in-class activity.
7. Check student progress for mastery.
8. Give homework.

### Student Activities:

1. Examine the various measuring devices.
2. Participate in class discussion.
3. Do class activity.
4. Ask questions as needed.

### Reflections on the Lesson:

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## Measurement Activity

Directions: Choose a measuring device and different items around the classroom or your home. Write down what the item is and measure each side of the object to the nearest  $1/32^{\text{nd}}$  of an inch.

Item#1:

Item#2:

Item#3:

Item#4:

Item#5:

Item#6:

Item#7:

Item#8:

Item#9:

Item#10: