

Body Counts (Fractions, Decimals, Percents) 1/2/08 1:02 PM

Objective: Student will represent various fractions, decimals and percents in relation to the size of their bodies.

This is a great diagnostic tool for teachers. It is easy to see if students have an accurate knowledge of basic fractions, decimals and percents.

Procedure:

Have students stand and face the teacher. The teacher explains that the student's body is like a vertical number line. On the body, the feet or floor is zero and the top of the student's head is one. The teacher calls out fractions, decimals and percents between 0 and 1. The student responds by bending, squatting, or pointing to the part of their body that would represent that fractional number.

Example:

The teacher calls $\frac{5}{10}$. The student squats to about half their height or points to their waist.

The teacher might then call 50% or .5 and the student should not move.