



**How to use a Scale Ruler:**

1. Determine scale you are using.
2. Turn scale ruler to that side/scale.
3. Start measuring from 0.
4. Be sure you are reading the correct numbers (in line with "0").
5. If what you are measuring is longer than an exact measurement (exact feet), then slide the ruler to the other side of the 0 to get inch measurements.

**Measure these lines:**

\_\_\_\_\_ (1/2 inch scale = \_\_\_\_\_ ft \_\_\_\_\_ in)

\_\_\_\_\_ (1/4 inch scale = \_\_\_\_\_ ft \_\_\_\_\_ in)

\_\_\_\_\_ (1 inch scale = \_\_\_\_\_ ft \_\_\_\_\_ in)

1. Measure and label each wall on the "set" below in 1/4 inch scale.
2. Pretend you are a designer and are going to put 3 objects in this classroom on a set in 1/4 inch scale. Measure the objects in "real" measurements, then draw those objects on the set below (aerial view) in 1/4 in scale.

