



Virtual Learning

# The Architect's Scale - Practical Use II

April 16, 2020



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Lesson: April 16, 2020

**Objective/Learning Target:**

Students will practice using an architect's scale to apply dimensions to architectural plans



# Bell Ringer:

In your notebooks, write for 3 minutes discussing the importance of accurate dimensions. Consider answering the following questions in your writing.

What is the purpose of a dimension?

What could happen if mistakes in dimensioning were made?



# Let's get started:

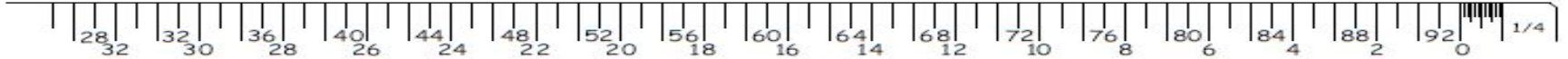
Watch this video demonstrating  
architectural dimensioning:

<https://www.youtube.com/watch?v=7hZcDolbli0>



# Practice:

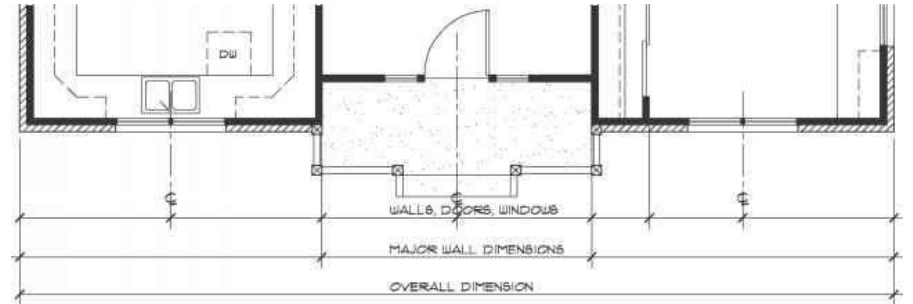
Print this page at 100% scale. Use your printed scales to measure the lines using the proper scale (if you do not have an architect's scale handy).



# Practice:

Using the plan on the following page and the printed scales, add dimensions to the floorplan to create a fully dimensioned construction document. Important things to remember:

- Include an overall dimension on each side of the house.
- Use dimensions to locate every wall, window, and door of the floorplan.
- Windows and doors are dimensioned to the center of the feature, not the edges







# Additional Resources:

## Architectural Dimensioning:

<https://www.northernarchitecture.us/construction-drawings/dimensioning-floor-plans.html>

<https://soa-inc.com/dimensioning-how-tos/>