

Recursion



Preliminaries and Objectives

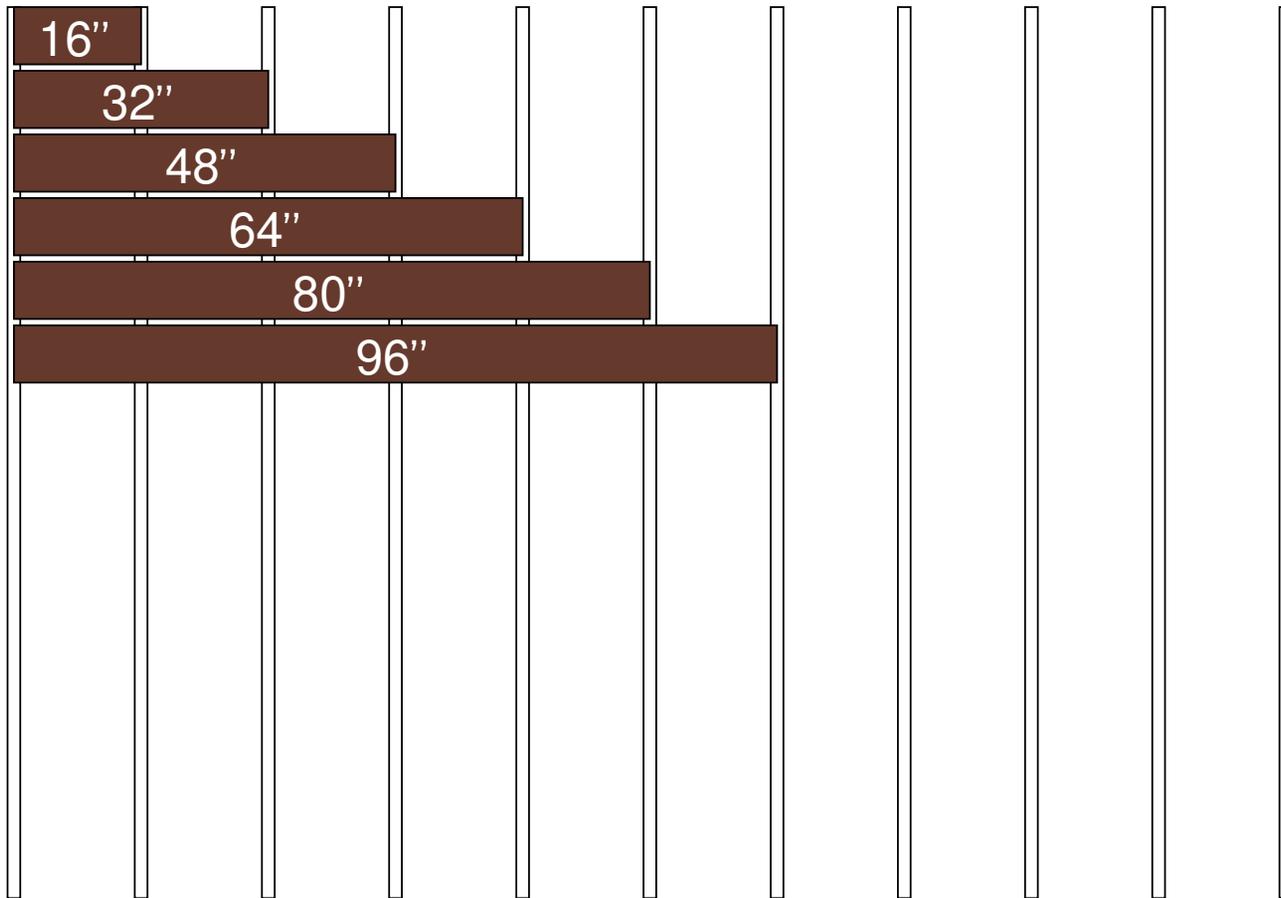
Preliminaries

- None

Objectives

- Understand recursive processes.

Example 1 - Building a Deck



Example 2 - Retirement Fund

<i>Age</i>	<i>Value</i>
30	\$10,000.00
31	\$10,400.00
32	\$10,816.00
33	\$11,248.64
34	\$11,698.58
35	\$12,166.52
⋮	⋮
55	\$26,658.36

Example 3 - Car Loan

- 1 Current Amount Owed
- 2 Calculate Interest
- 3 Add Interest to Amount Owed
- 4 Make Monthly Payment
- 5 Subtract Monthly Payment
- 6 Next Month's Amount Owed
- 7 Repeat