Ladder Placement

One of the most vital areas of ladder safety is the correct placement angle of your ladder. The illustration to the right shows the exact method for proper placement of ladders of varying lengths. With this method, the ladder is placed against the vertical plane (wall, etc.) at a 75-1/2 degree angle.

correct placement   = $\dfrac{\text{total working length of ladder}}{4}$
(distance from wall)

A simple formula for correct placement is to position the bottom of the ladder at a distance from a vertical plane equal to 1/4 the total working length of the ladder. At this angle, your ladder will give the best service and maximum strength.