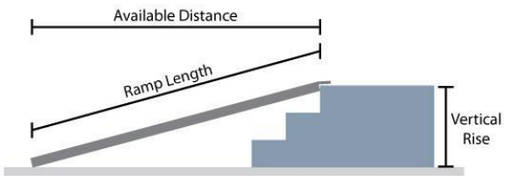
Roll-A-Ramp® modular ramp configurations include <u>all necessary components</u> for a basic ramp installation; ramp, supports, handrails and quick release pins. **To be certain you select the correct system for your unique situation please visit with a mobility consultant.*

Select the correct ramp length for your situation by referring the guidelines below.

- Just select the situation you have below. Once you've selected the appropriate ramp length from the information refer to the configurations for pricing. These general guidelines refer to ramp slopes that help you choose the proper ramp length depending upon how you will be using the ramp; power wheelchair, assisting someone in a manual wheelchair, etc.

How to Determine the Proper Length Wheelchair Ramp

- **Take these measurements:**
  - The total **vertical rise** that you are trying to overcome (in inches)
  - The **available distance** straight out from the highest point
  - Usable width of the area where ramp will be set up (how wide is the landing)



ADA Requirements: ADA requirements <u>only</u> apply to commercial buildings with PERMANENT ramps.

<u>Residential Occupied Use:</u>

10° degree incline: General recommendation → When someone is sitting in the wheelchair or scooter while it climbs the ramp, a strong person in a manual wheelchair or assisting a manual wheelchair a 2:12 slope is often recommended – or *<u>for every 2" of vertical rise 1' (12") of ramp is required</u>*.
Example: **A 24" rise requires a minimum ramp length of 12' (120") → <u>(24" divided by 2)</u>**

7° degree incline: Slightly longer ramp → If a larger person is <u>sitting in a wheelchair or scooter</u> or is being <u>assisted by a smaller person or someone with limited strength</u>, or <u>unassisted manual wheelchair</u>, a 1:8 slope is recommended - or *<u>for every 1.5" of vertical rise 1' of ramp is required</u>*.
Example: **A 24" rise requires a minimum ramp length of 16' → <u>(24" divided by 1.5)</u>**

12° degree incline: Slightly shorter ramp → In cases of limited space (or van uses)
- Many wheelchairs and scooters are able to climb a ramp of this angle, and with assistance and space is limited oftentimes a 2.4:12 slope is recommended - or *<u>for every 2.5" of vertical rise 1' of ramp is required</u>*.

Example: **A 24" rise requires a minimum ramp length of 10' → <u>(24" x 2.4)</u>**

<u>Unoccupied Use Only</u>

15° degree incline: Only in cases of Unoccupied Use → When no one is sitting in the chair a 3:12 slope may be used - or *for every 3" of vertical rise 1' of ramp is required.*
Example: **A 24" rise requires a minimum ramp length of 8' → <u>(24" divided by 3)</u>**