

4-to-1 Ladder Angle Rule

An extension or straight ladder can prove dangerous if not angled correctly for your climbing distance. The 4-to-1 angle rule is a great way to stay safe!

How to use the 4-to-1 Ladder Angle Rule

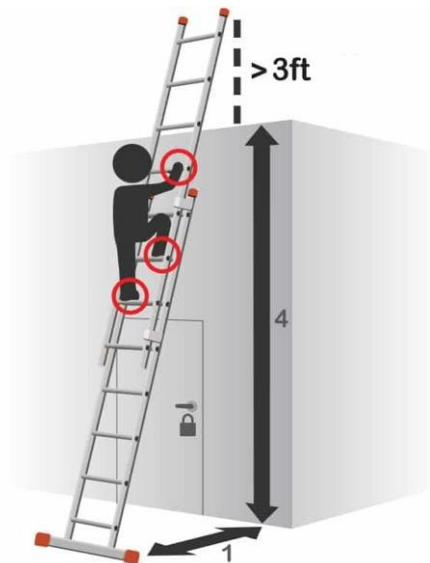
When placing your ladder, use the 4-to-1 rule. This means for every four (4) feet of height you have to climb, move the base one (1) foot away from the wall that the ladder is resting against. For example, an 8-foot wall will require the base to be moved 2 feet away from the wall.

It is easy to figure out for any situation. Take the height of the wall, and divide by 4. Some examples are shown below:

8 ft wall / 4 ft = base 2 ft away from the wall

12 ft wall / 4 ft = base 3 ft away from the wall

16 ft wall / 4 ft = base 6 ft away from the wall



Accessing Elevated Surface

When a ladder is used to access an elevated surface, it must extend at least 3 feet above the point of support. Do not stand on the three top rungs of a straight, single, or extension ladder.

This tip is easy to remember and will help you climb injury-free.

A ladder placed correctly against a wall and on solid ground will reduce the chances of an accident.



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