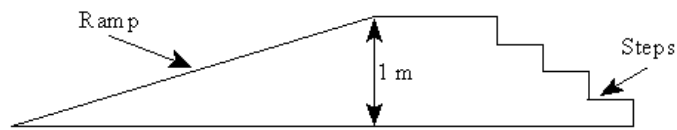


Access ramps

This task is about work, distance and force.



In order to help people who use a wheelchair to enter public buildings, access ramps are built. The ramps are usually quite long with a gentle slope. It would be difficult to lift a person in a wheelchair up 1 metre, but it is easy to push the wheelchair up a long ramp that is 1 metre high at the top end.

Using the words 'work', 'distance', and 'force', explain why a ramp makes this task easier.

Published on *Assessment Resource Banks* (<https://arbs.nzcer.org.nz>)