

Lintel 1

Place two empty toilet paper rolls up on end. Lay one piece of paper across the top. Begin by placing only a few beans on top. Does it stay? Then gradually add more beans until the lintel caves in. How many beans will Lintel 1 support?

Lintel 2

Place two empty toilet paper rolls up on end. Lay one piece of paper across the top that has been folded accordion style like a fan. Begin by placing only a few beans on top. Does it stay? Then gradually add more beans until the lintel caves in. How many beans will Lintel 2 support?

Lintel 3

Place two empty toilet paper rolls up on end. Lay the lintel that is accordion style with one-inch strips glued onto it across the top. Begin by placing only a few beans on top. Does it stay? Then gradually add more beans until the lintel caves in. How many beans will Lintel 3 support?

Lintel 4

Place two empty toilet paper rolls up on end. Lay the lintel that is folded accordion style and sandwiched between two pieces of paper, across the top. Begin by placing only a few beans on top. Does it stay? Then gradually add more beans until the lintel caves in. How many beans will Lintel 4 support?