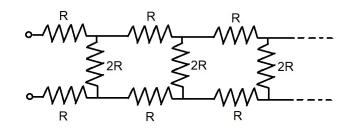4-6)

Here's another classic problem (although the details differ from example to example).

Consider an infinite chain of resistors, as shown. The cross resistors are twice as much as the side resistors, which are all of value R. What is the equivalent resistance as measured on the left?