

Building a Patio

Ms. Smith has asked Doug and Jim to build her a small triangular patio. They designed a patio that measured 1.5', 2', and 2.5'. After they measured they realized that they had enough room to make the 2' side longer. They can make it 4' long. Doug wants to add 2' to each side; Jim wants to double each side. What do you think?

Build and sketch the original:

Build and sketch the patio if they use Doug's suggestion (add 2 feet to each side):

Build and sketch the patio if they use Jim's suggestion (multiply each side by 2):