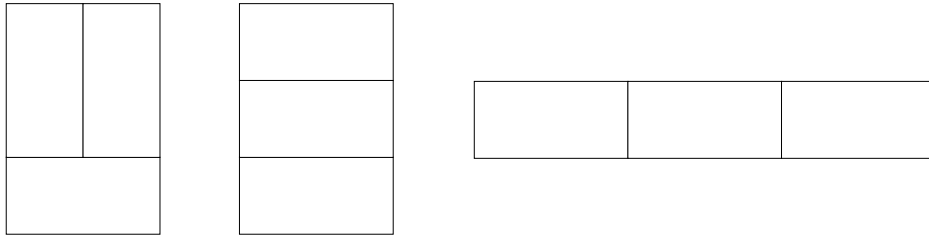


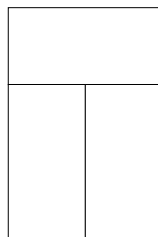
# PAVING PATTERNS

If you have 3 concrete slabs to make a small flat paved area with no gaps, and the length of each slab is twice the width, there are only three different rectangular patterns possible.

These are shown below.



Note that the following is the same as the first arrangement above, because it can be rotated to appear identical.



How many different rectangular patterns are possible using 6 pavers?

Use the 2 cm  $\times$  1 cm rectangle on Geo-Pro to draw as many different arrangements as you can.

# Answers PAVING PATTERNS

14 possible rectangular patterns:

