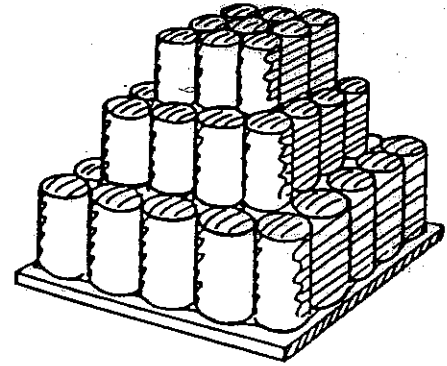


# The Supermarket Packer

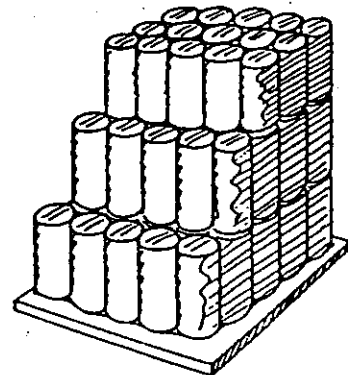
An experienced supermarket packer knew that the available shelf space was 5 cans deep and 3 cans high. She also knew that for the same 'footprint' of 25 cans (5 rows of 5 cans) she could stack 50 cans using the 'pyramid' method, 60 cans using the 'steps' method, and 75 cans using the 'maximum' stock method.



the 'pyramid' method

Investigate what these differences would be if the 'footprint' was 5 rows of 9 cans.

Is there a general 'rule of thumb' that might be used to guide the packer's stacking?



the 'steps' method

the 'maximum stock' method

