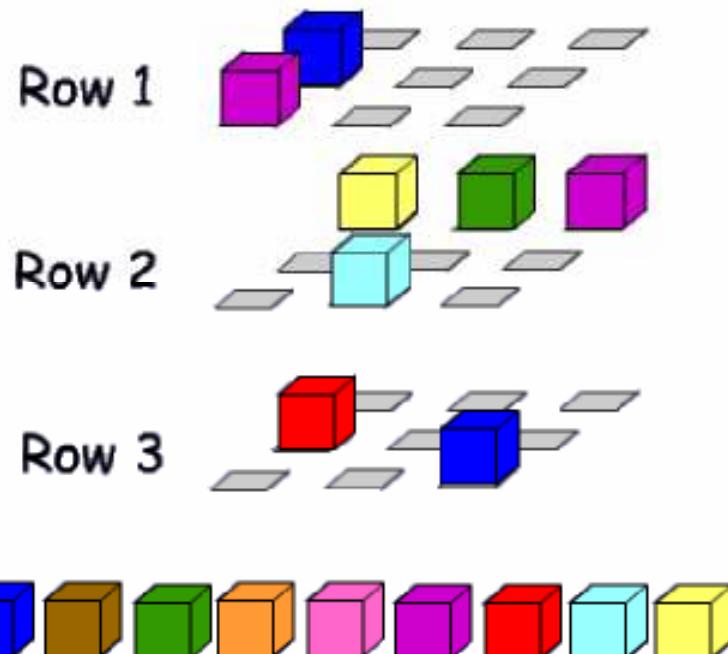




You have 27 small cubes,  
3 each of nine colours.

Can you use all the small cubes to make a 3 by 3 by 3 cube so that each face of the bigger cube contains one of every colour?

# Nine Colours



Thousands more problems can be found on  
the NRICH Maths website:

[www.nr rich.maths.org](http://www.nr rich.maths.org)