



The diagram illustrates matrix multiplication. It consists of three rectangular boxes, each with a light gray background and a dark gray border. The first box on the left has a blue vertical bar on its left side and a red horizontal bar on its top side. Inside, the text 'A' is in black, 'M' is in blue, 'x' is in black, and 'N' is in red. To the right of this box is a small black dot. The second box in the middle has a red vertical bar on its left side and a green horizontal bar on its top side. Inside, the text 'B' is in black, 'N' is in red, 'x' is in black, and 'L' is in green. To the right of this box is an equals sign. The third box on the right has a blue vertical bar on its left side and a green horizontal bar on its top side. Inside, the text 'C' is in black, 'M' is in blue, 'x' is in black, and 'L' is in green.

A M x N

•

B N x L

=

C M x L