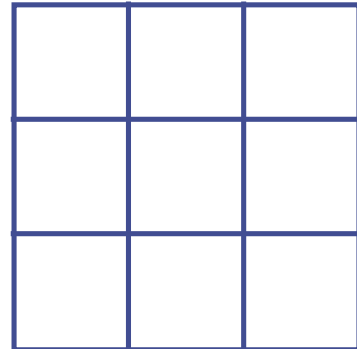# Difference magic squares

Tui wonders if it is possible to place the numbers 1 through to 9 in a 3 by 3 grid, so that in any direction of three squares (across, down or diagonally), the sum of the first and last numbers minus the centre number gives the same answer.

If it is possible, how many **different answers** exist?