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A 5x25 grid of squares representing a sparse matrix. The squares are arranged in five rows and twenty-five columns. The pattern of squares is as follows:

- Row 1: 25 squares.
- Row 2: 25 squares.
- Row 3: 25 squares.
- Row 4: 25 squares.
- Row 5: 12 squares.

A 5x20 grid of squares representing a sparse matrix. The squares are arranged in a pattern that suggests a banded structure with some off-diagonal elements.

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A 20x20 grid of squares, some filled and some empty, representing a sparse matrix. The pattern is symmetric about the main diagonal, which is entirely filled. The matrix is block-tridiagonal, with 10x10 blocks on the diagonal and smaller blocks on the sub and super diagonals. The blocks are arranged in a way that suggests a hierarchical or recursive structure, with the largest blocks at the corners and smaller ones towards the center.

