

The sequence of diagrams illustrates the construction of a 5x5 grid from a single dot. The steps are as follows:

- Diagram 1: A single dot at the top-left position (row 1, column 1).
- Diagram 2: A second dot added at the top-right position (row 1, column 5).
- Diagram 3: A third dot added at the bottom-left position (row 5, column 1).
- Diagram 4: A fourth dot added at the bottom-right position (row 5, column 5).
- Diagram 5: A fifth dot added at the top-middle position (row 1, column 3).
- Diagram 6: A sixth dot added at the bottom-middle position (row 5, column 3).
- Diagram 7: A seventh dot added at the middle-left position (row 3, column 1).
- Diagram 8: An eighth dot added at the middle-right position (row 3, column 5).
- Diagram 9: A ninth dot added at the middle-middle position (row 3, column 3).
- Diagram 10: A tenth dot added at the middle-bottom position (row 3, column 4).

The final diagram (Diagram 10) shows a complete 5x5 grid of dots.

This image displays a 5x10 grid of 50 small, irregular black shapes. These shapes are scattered across the grid, with some appearing as single dots and others as small clusters. The overall pattern is noisy and does not form a recognizable letter or figure.

A 3x10 grid of dots representing a sparse matrix. The dots are arranged in a pattern that suggests a banded structure with some off-diagonal elements.

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The figure displays a sequence of 10 diagrams, each showing a pattern of black dots on a grid. The patterns evolve from left to right, starting with a small cluster of 4 dots and growing into a large, interconnected structure of 28 dots. The diagrams illustrate the growth of a pattern, likely representing a biological or physical process, as described in the accompanying text.

The figure consists of eight diagrams, each showing a collection of dots arranged in a specific pattern. The patterns are arranged in two rows of four. The top row shows a progression from a small cluster to a larger, more complex shape. The bottom row shows a progression from a small cluster to a larger, more complex shape. The patterns are labeled 1 through 8.

The figure consists of 10 sub-diagrams arranged in a single row, each showing a pattern of black dots on a grid. The patterns evolve from left to right. The first pattern is a small cluster of 5 dots. The second pattern is a small cluster of 5 dots. The third pattern is a small cluster of 5 dots. The fourth pattern is a small cluster of 5 dots. The fifth pattern is a small cluster of 5 dots. The sixth pattern is a small cluster of 5 dots. The seventh pattern is a small cluster of 5 dots. The eighth pattern is a small cluster of 5 dots. The ninth pattern is a small cluster of 5 dots. The tenth pattern is a small cluster of 5 dots.

Figure 1 displays a 3x3 grid of 27 small plots, each showing a different spatial pattern of black dots on a white background. The patterns are arranged in a 3x3 grid, with each plot representing a unique combination of the three basic patterns shown in the legend. The legend at the top identifies the three basic patterns: a 2x2 grid of dots, a 2x1 grid of dots, and a 1x1 grid of dots. The 27 plots in the main grid show various combinations of these patterns, including single dots, pairs of dots, and larger clusters of dots.

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The image shows six 5x5 dot patterns arranged horizontally, representing the digits 0 through 5. Each pattern is composed of black dots on a white background.

- 0:** A 5x5 grid with dots at (1,1), (1,2), (1,3), (1,4), (1,5), (2,1), (2,2), (2,3), (2,4), (2,5), (3,1), (3,2), (3,3), (3,4), (3,5), (4,1), (4,2), (4,3), (4,4), (4,5), and (5,1), (5,2), (5,3), (5,4), (5,5).
- 1:** A 5x5 grid with dots at (1,1), (1,2), (1,3), (1,4), (1,5), (2,1), (2,2), (2,3), (2,4), (2,5), (3,1), (3,2), (3,3), (3,4), (3,5), (4,1), (4,2), (4,3), (4,4), (4,5), and (5,1), (5,2), (5,3), (5,4), (5,5).
- 2:** A 5x5 grid with dots at (1,1), (1,2), (1,3), (1,4), (1,5), (2,1), (2,2), (2,3), (2,4), (2,5), (3,1), (3,2), (3,3), (3,4), (3,5), (4,1), (4,2), (4,3), (4,4), (4,5), and (5,1), (5,2), (5,3), (5,4), (5,5).
- 3:** A 5x5 grid with dots at (1,1), (1,2), (1,3), (1,4), (1,5), (2,1), (2,2), (2,3), (2,4), (2,5), (3,1), (3,2), (3,3), (3,4), (3,5), (4,1), (4,2), (4,3), (4,4), (4,5), and (5,1), (5,2), (5,3), (5,4), (5,5).
- 4:** A 5x5 grid with dots at (1,1), (1,2), (1,3), (1,4), (1,5), (2,1), (2,2), (2,3), (2,4), (2,5), (3,1), (3,2), (3,3), (3,4), (3,5), (4,1), (4,2), (4,3), (4,4), (4,5), and (5,1), (5,2), (5,3), (5,4), (5,5).
- 5:** A 5x5 grid with dots at (1,1), (1,2), (1,3), (1,4), (1,5), (2,1), (2,2), (2,3), (2,4), (2,5), (3,1), (3,2), (3,3), (3,4), (3,5), (4,1), (4,2), (4,3), (4,4), (4,5), and (5,1), (5,2), (5,3), (5,4), (5,5).

Figure 1 consists of five diagrams, labeled (a) through (e), each showing a different type of point pattern on a grid. (a) shows a regular grid of points. (b) shows a random distribution of points. (c) shows a clustered distribution of points. (d) shows a distribution of points with a central cluster. (e) shows a distribution of points with a central cluster and a tail.

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Figure 1: A sequence of 10 images showing the evolution of a pattern of dots on a grid. The pattern starts as a small cluster and grows into a larger, more complex shape.

