

A large grid of 100 rows and 100 columns of black dots on a white background. The dots are arranged in a sparse, irregular pattern, with some rows having more dots than others. The dots are small and black, and the background is white. The pattern is roughly rectangular, with the dots concentrated in the center and fewer dots towards the edges. The dots are arranged in a way that suggests a random or semi-random distribution, but with some underlying structure or pattern. The dots are of uniform size and color, and the grid is perfectly square. The dots are arranged in a way that they form a complex, interconnected network of points, with some dots acting as hubs and others as peripheral points. The overall effect is a dense, textured field of black dots on a white background, with a clear sense of scale and proportion. The dots are arranged in a way that they form a complex, interconnected network of points, with some dots acting as hubs and others as peripheral points. The overall effect is a dense, textured field of black dots on a white background, with a clear sense of scale and proportion. The dots are arranged in a way that they form a complex, interconnected network of points, with some dots acting as hubs and others as peripheral points. The overall effect is a dense, textured field of black dots on a white background, with a clear sense of scale and proportion.

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The figure consists of 10 small diagrams arranged horizontally, each showing a different configuration of points (dots). The points are arranged in a way that suggests a sequence or evolution of a cluster. The first diagram on the left has a single point. The subsequent diagrams show points forming small groups, lines, and more complex, irregular shapes. The final diagram on the right shows a cluster of 10 points arranged in a roughly rectangular shape.

The image shows four 5x5 dot patterns representing the digits 1, 2, 3, and 4. Each pattern is formed by black dots on a white background.

- Digit 1:** A vertical column of dots in the second column from the left.
- Digit 2:** A shape resembling a '2' formed by dots in the second, third, and fourth columns.
- Digit 3:** A shape resembling a '3' formed by dots in the second, third, and fourth columns.
- Digit 4:** A shape resembling a '4' formed by dots in the second, third, and fourth columns.

The figure consists of 10 sub-diagrams arranged horizontally, each showing a pattern of black dots on a grid. The patterns evolve from left to right. The first diagram has 2 dots. The second has 4 dots. The third has 8 dots. The fourth has 10 dots. The fifth has 12 dots. The sixth has 14 dots. The seventh has 16 dots. The eighth has 18 dots. The ninth has 20 dots. The tenth has 22 dots. The patterns are symmetric about a vertical axis.

The sequence shows a pattern of black dots on a grid. The pattern starts as a small cluster of dots and grows into a larger, more complex shape. The dots are arranged in a way that suggests a specific mathematical or computational process.

The figure consists of eight sub-diagrams labeled 1 through 8, each showing a horizontal array of five dots representing the elements of an array. The dots are arranged in a grid-like pattern, with some dots being larger or more prominent to indicate the current state of the array during the bubble sort process.

- Diagram 1:** Shows the initial array [5, 4, 3, 2, 1]. The dots are arranged in a grid where the first dot is the largest, followed by the second, and so on, representing the values 5, 4, 3, 2, 1.
- Diagram 2:** Shows the array after the first comparison between 5 and 4. The dots are arranged in a grid where the first dot is the largest, followed by the second, and so on, representing the values 5, 4, 3, 2, 1.
- Diagram 3:** Shows the array after the first swap between 5 and 4. The dots are arranged in a grid where the first dot is the largest, followed by the second, and so on, representing the values 4, 5, 3, 2, 1.
- Diagram 4:** Shows the array after the second comparison between 4 and 3. The dots are arranged in a grid where the first dot is the largest, followed by the second, and so on, representing the values 4, 5, 3, 2, 1.
- Diagram 5:** Shows the array after the second swap between 4 and 3. The dots are arranged in a grid where the first dot is the largest, followed by the second, and so on, representing the values 3, 5, 4, 2, 1.
- Diagram 6:** Shows the array after the third comparison between 3 and 2. The dots are arranged in a grid where the first dot is the largest, followed by the second, and so on, representing the values 3, 5, 4, 2, 1.
- Diagram 7:** Shows the array after the third swap between 3 and 2. The dots are arranged in a grid where the first dot is the largest, followed by the second, and so on, representing the values 2, 5, 4, 3, 1.
- Diagram 8:** Shows the array after the fourth comparison between 2 and 1. The dots are arranged in a grid where the first dot is the largest, followed by the second, and so on, representing the values 2, 5, 4, 3, 1.

A 3x3 grid of dots. The top row has two dots in the first and second columns. The middle row has dots in the first, second, and third columns. The bottom row has dots in the first and second columns. The dot in the top-right position (row 1, column 3) is missing.