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The figure consists of seven sub-diagrams arranged horizontally, showing the evolution of a cluster of points. 
 1. The first diagram shows a cluster of 10 points arranged in a roughly circular shape.
 2. The second diagram shows the cluster after some points have moved or been removed, leaving 8 points.
 3. The third diagram shows the cluster after further movement, with 10 points in a more compact arrangement.
 4. The fourth diagram shows the cluster after more movement, with 12 points.
 5. The fifth diagram shows the cluster after further movement, with 10 points.
 6. The sixth diagram shows the cluster after more movement, with 12 points.
 7. The seventh diagram shows the final stable configuration, which is a compact cluster of 12 points.

The figure consists of eight separate diagrams arranged horizontally. Each diagram shows a pattern of black dots on a white background, representing a state in a cellular automaton. The patterns are as follows:

- Diagram 1: Two isolated dots.
- Diagram 2: A vertical pair of dots with one dot to the right of the top dot.
- Diagram 3: A 2x2 square of dots with one dot to the right of the top-right dot.
- Diagram 4: A 2x2 square of dots with one dot to the right of the top-right dot and one dot below the bottom-right dot.
- Diagram 5: A 2x2 square of dots with one dot to the right of the top-right dot, one dot below the bottom-right dot, and one dot to the left of the top-left dot.
- Diagram 6: A 2x2 square of dots with one dot to the right of the top-right dot, one dot below the bottom-right dot, one dot to the left of the top-left dot, and one dot to the left of the bottom-left dot.
- Diagram 7: A 2x2 square of dots with one dot to the right of the top-right dot, one dot below the bottom-right dot, one dot to the left of the top-left dot, one dot to the left of the bottom-left dot, and one dot to the right of the top-left dot.
- Diagram 8: A 2x2 square of dots with one dot to the right of the top-right dot, one dot below the bottom-right dot, one dot to the left of the top-left dot, one dot to the left of the bottom-left dot, one dot to the right of the top-left dot, and one dot to the right of the bottom-right dot.

The figure consists of seven sub-diagrams, each showing a horizontal array of seven circles containing numbers. The numbers are 1, 2, 3, 4, 5, 6, and 7. The diagrams illustrate the steps of a bubble sort algorithm:

- Diagram 1:** Initial array: 1, 2, 3, 4, 5, 6, 7. The number 7 is at the end.
- Diagram 2:** The number 7 is compared with 6. Since 7 > 6, they are swapped. The array is now 1, 2, 3, 4, 5, 7, 6.
- Diagram 3:** The number 7 is compared with 5. Since 7 > 5, they are swapped. The array is now 1, 2, 3, 4, 7, 5, 6.
- Diagram 4:** The number 7 is compared with 4. Since 7 > 4, they are swapped. The array is now 1, 2, 3, 7, 4, 5, 6.
- Diagram 5:** The number 7 is compared with 3. Since 7 > 3, they are swapped. The array is now 1, 2, 7, 3, 4, 5, 6.
- Diagram 6:** The number 7 is compared with 2. Since 7 > 2, they are swapped. The array is now 1, 7, 2, 3, 4, 5, 6.
- Diagram 7:** The number 7 is compared with 1. Since 7 > 1, they are swapped. The array is now 7, 1, 2, 3, 4, 5, 6. The number 7 is now at the beginning of the array.

The figure shows four 5x5 dot patterns. The first pattern represents the digit '1' with dots at (1,1), (1,4), (2,2), (2,3), (3,3), (3,4), (4,2), (4,3), (5,2), and (5,3). The second pattern represents the digit '2' with dots at (1,3), (1,4), (2,1), (2,2), (2,3), (2,4), (3,1), (3,2), (3,3), (3,4), (4,1), (4,2), (4,3), (4,4), (5,1), (5,2), (5,3), and (5,4). The third pattern represents the digit '3' with dots at (1,1), (1,2), (1,3), (2,1), (2,2), (2,3), (3,1), (3,2), (3,3), (3,4), (4,1), (4,2), (4,3), (4,4), (5,1), (5,2), (5,3), and (5,4). The fourth pattern represents the digit '4' with dots at (1,3), (1,4), (2,1), (2,2), (2,3), (2,4), (3,1), (3,2), (3,3), (3,4), (4,1), (4,2), (4,3), (4,4), (5,1), (5,2), (5,3), and (5,4).

The figure consists of 10 small diagrams arranged horizontally, each showing a pattern of black dots on a grid. The patterns evolve from left to right, representing the steps of a cellular automaton. The first diagram has 3 dots. The second has 5 dots. The third has 7 dots. The fourth has 11 dots. The fifth has 15 dots. The sixth has 21 dots. The seventh has 27 dots. The eighth has 35 dots. The ninth has 43 dots. The tenth has 51 dots.

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A 3x3 grid of dots. The top row has two dots, the middle row has two dots, and the bottom row has two dots. The dot in the top-right position is missing.