

**Library-Iowa Department for the Blind**  
**Denise Bean**  
**denise.bean@blind.state.ia.us**

## Lesson 16 Homework

Please name the file **Lesson 16 Homework**. Send your file to [denise.bean@blind.state.ia.us](mailto:denise.bean@blind.state.ia.us) and within 3 days you will receive a letter grade with a report.

**DIRECTIONS:** Read the classic braille passage and write the corresponding words into print. Remember, you have got this!! Keep going!

The figure consists of 10 sub-diagrams arranged horizontally, each showing a 4x4 grid of dots. Black dots represent the state of the system at each time step. The pattern evolves from a small cluster of 3 dots in the first diagram to a more complex shape of 12 dots in the tenth diagram.

Diagram	Black Dots (Row, Column)
1	(1,3), (1,4), (2,3)
2	(1,3), (1,4), (2,3), (2,4), (3,3), (3,4)
3	(1,3), (1,4), (2,3), (2,4), (3,3), (3,4), (4,3), (4,4)
4	(1,3), (1,4), (2,3), (2,4), (3,3), (3,4), (4,3), (4,4), (1,1), (1,2)
5	(1,3), (1,4), (2,3), (2,4), (3,3), (3,4), (4,3), (4,4), (1,1), (1,2), (2,1), (2,2)
6	(1,3), (1,4), (2,3), (2,4), (3,3), (3,4), (4,3), (4,4), (1,1), (1,2), (2,1), (2,2), (3,1), (3,2)
7	(1,3), (1,4), (2,3), (2,4), (3,3), (3,4), (4,3), (4,4), (1,1), (1,2), (2,1), (2,2), (3,1), (3,2), (4,1), (4,2)
8	(1,3), (1,4), (2,3), (2,4), (3,3), (3,4), (4,3), (4,4), (1,1), (1,2), (2,1), (2,2), (3,1), (3,2), (4,1), (4,2), (1,3), (1,4), (2,3), (2,4), (3,3), (3,4), (4,3), (4,4)
9	(1,3), (1,4), (2,3), (2,4), (3,3), (3,4), (4,3), (4,4), (1,1), (1,2), (2,1), (2,2), (3,1), (3,2), (4,1), (4,2), (1,3), (1,4), (2,3), (2,4), (3,3), (3,4), (4,3), (4,4), (1,1), (1,2), (2,1), (2,2), (3,1), (3,2), (4,1), (4,2)
10	(1,3), (1,4), (2,3), (2,4), (3,3), (3,4), (4,3), (4,4), (1,1), (1,2), (2,1), (2,2), (3,1), (3,2), (4,1), (4,2), (1,3), (1,4), (2,3), (2,4), (3,3), (3,4), (4,3), (4,4), (1,1), (1,2), (2,1), (2,2), (3,1), (3,2), (4,1), (4,2), (1,3), (1,4), (2,3), (2,4), (3,3), (3,4), (4,3), (4,4))

The figure consists of 15 small diagrams arranged in a single row, each showing a pattern of black dots on a grid. The patterns evolve from left to right, starting with a small cluster of dots and growing into a larger, more complex shape. The dots are arranged in a way that suggests a branching or spreading process over time.

Figure 1 displays 12 dot patterns arranged in two rows of six. Each pattern is a 4x4 grid of dots with some dots missing, creating various shapes. The patterns are labeled with numbers 1 through 12.

The figure consists of 10 small grid diagrams arranged horizontally, each showing a pattern of black dots on a white background. The patterns evolve from left to right, starting with a small cluster of dots and growing into a more complex, elongated shape.

The figure consists of 10 sub-diagrams arranged horizontally, each showing a 3x10 grid of dots. Black dots represent the pattern at each step. The pattern starts as a small cluster of 5 dots in the first 3 steps and grows into a larger, more complex shape over 10 steps.



