

Solved Problems

Problem 01: Prepare a Raster of size (11 x 8)

Problem 02: Plot the pixels (3, 2), (3, 3), (3, 4), (3, 5), (3, 6)

Problem 03: Plot the pixels (2, 2), (2, 3), (2, 4), (2, 5), (2, 6)

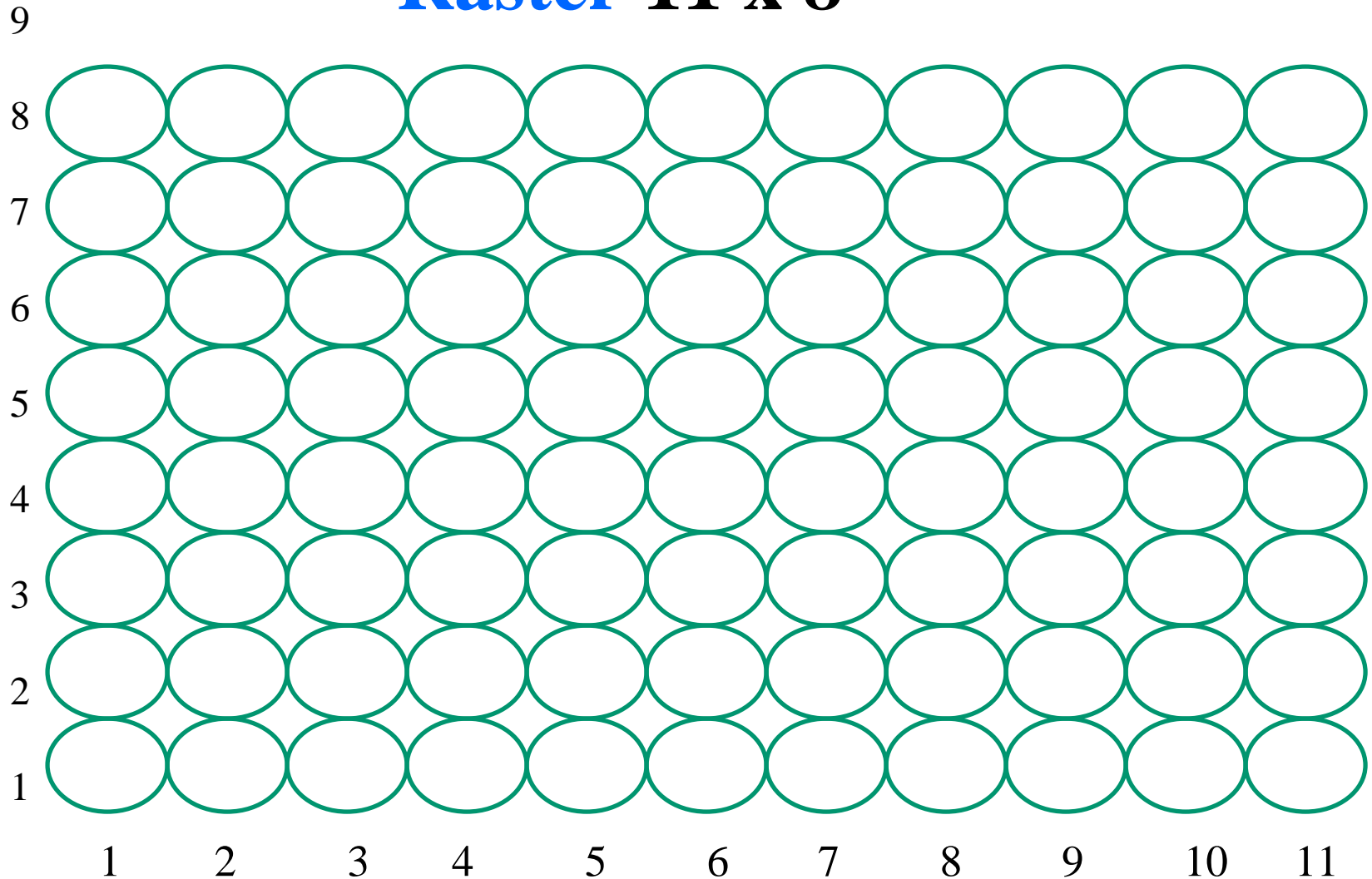
Problem 04: Plot the pixels (2, 2), (3, 3), (4, 4), (5, 5), (6, 6)

Problem 05: Plot the pixels (2, 2), (4, 4), (5, 5), (6, 6), (7, 7)

Scan-Conversion

Plot the points $(3, 2)$, $(3, 3)$, $(3, 4)$, $(3, 5)$, $(3, 6)$

Raster 11 x 8



Scan-Conversion

Plot the points $(2, 2)$, $(3, 3)$, $(4, 4)$, $(5, 5)$, $(6, 6)$

Raster 11 x 8

9

8

7

6

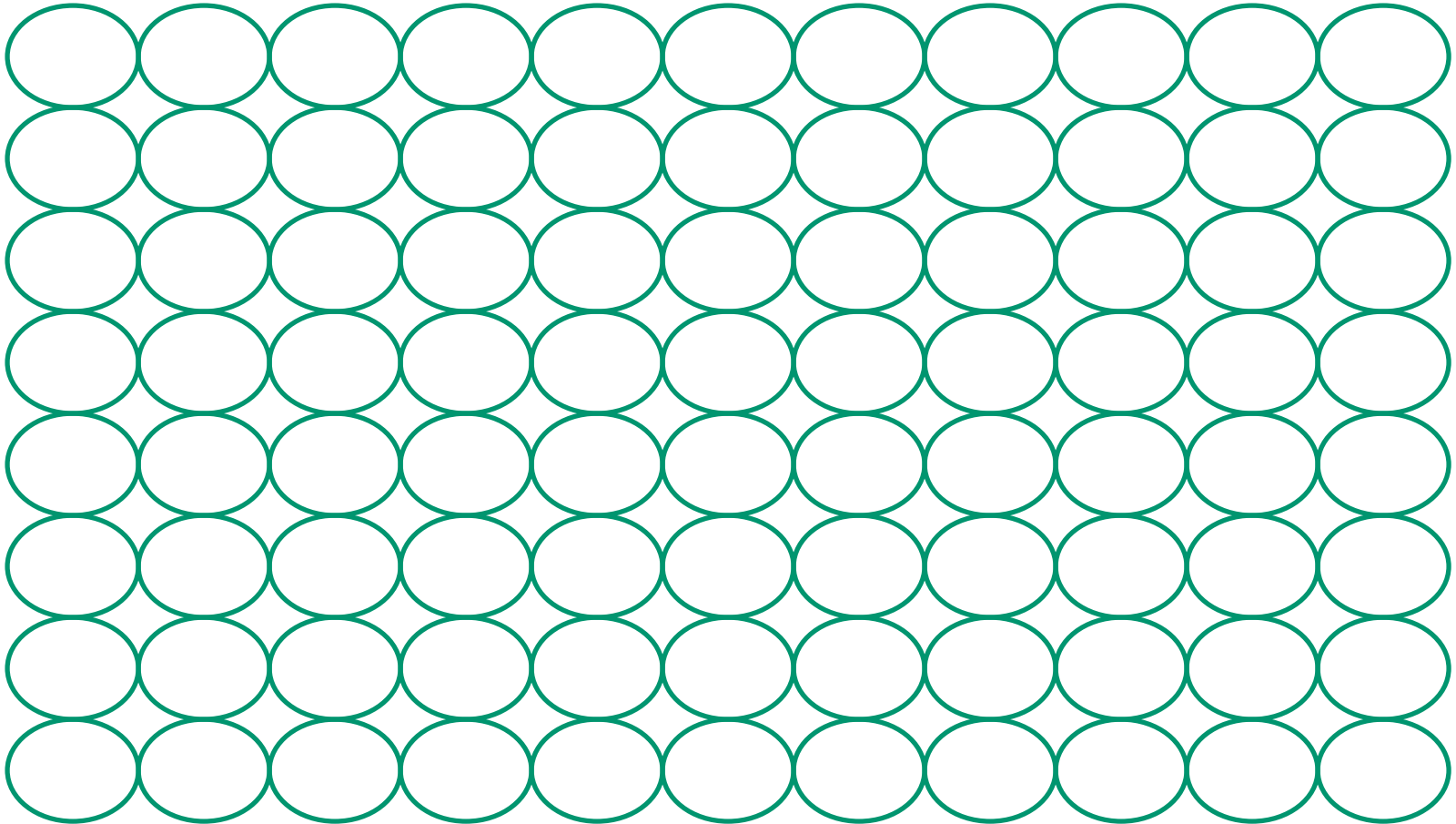
5

4

3

2

1



1

2

3

4

5

6

7

8

9

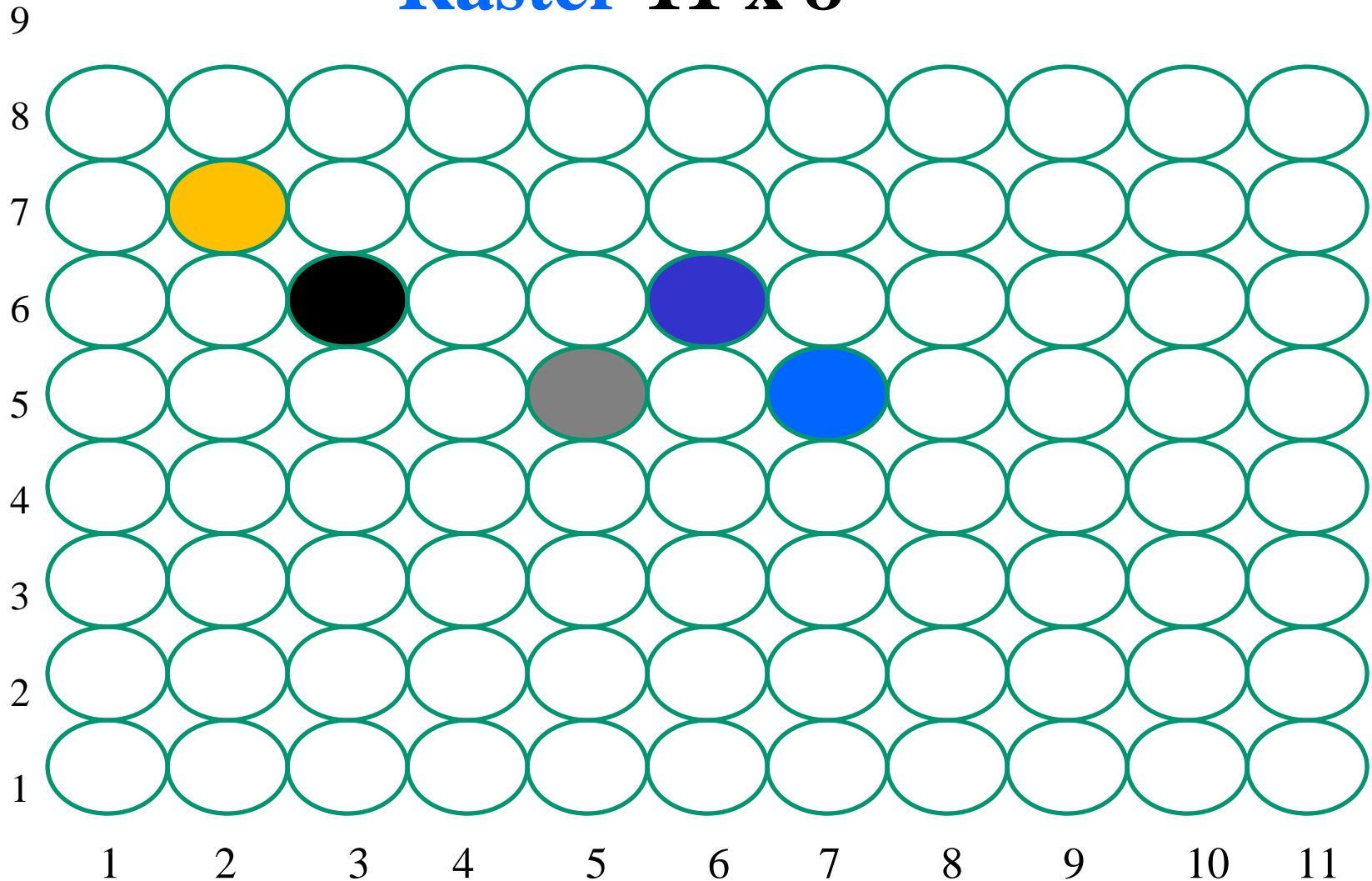
10

11

Scan-Conversion

Plot the points $(2, 7)$, $(3, 6)$, $(5, 5)$, $(6, 6)$, $(7, 5)$, $(9, 4)$

Raster 11 x 8



Raster-Scan Problems

Problems

- 01: Prepare raster and draw a line with circular pixels
- 02: Prepare raster and draw a circle with circular pixels
- 03: Prepare raster and draw an arc with circular pixels
- 04: Prepare raster and draw an ellipse with circular pixels
- 05: Prepare raster and draw an umbrella with circular pixels