



The diagram illustrates the hierarchical structure of a 1D CNN. The top row represents the input layer with four circles and three rounded rectangles. The bottom row represents the output layer with three rounded rectangles and one long rectangle divided into four squares. Vertical lines connect the circles to the first three rounded rectangles, and the rounded rectangles to the squares in the long rectangle.

A 10x10 grid with row labels 5, 1, 0, 5, 0, 1, 7, 2, 0, 4 on the left. The grid contains a black rounded rectangle at row 5, column 7; a black square at row 7, column 4; and three 'X' marks at row 2, columns 7, 9, and 10.