

The image displays eight diagrams, numbered 1 through 8, illustrating different ways to connect 8 points (R0-R7) in a square. Each diagram shows a set of points and a set of connection lines (J1-J8).

- Diagram 1:** Points R0-R7 are arranged in a square. Connections J1, J2, J3, J4, J5, J6, J7, and J8 are shown. J1 connects R0-R1, J2 connects R2-R3, J3 connects R4-R5, J4 connects R6-R7, J5 connects R0-R2, J6 connects R1-R3, J7 connects R4-R6, and J8 connects R5-R7.
- Diagram 2:** Points R0-R7 are arranged in a square. Connections J1, J2, J3, J4, J5, J6, J7, and J8 are shown. J1 connects R0-R1, J2 connects R2-R3, J3 connects R4-R5, J4 connects R6-R7, J5 connects R0-R2, J6 connects R1-R3, J7 connects R4-R6, and J8 connects R5-R7.
- Diagram 3:** Points R0-R7 are arranged in a square. Connections J1, J2, J3, J4, J5, J6, J7, and J8 are shown. J1 connects R0-R1, J2 connects R2-R3, J3 connects R4-R5, J4 connects R6-R7, J5 connects R0-R2, J6 connects R1-R3, J7 connects R4-R6, and J8 connects R5-R7.
- Diagram 4:** Points R0-R7 are arranged in a square. Connections J1, J2, J3, J4, J5, J6, J7, and J8 are shown. J1 connects R0-R1, J2 connects R2-R3, J3 connects R4-R5, J4 connects R6-R7, J5 connects R0-R2, J6 connects R1-R3, J7 connects R4-R6, and J8 connects R5-R7.
- Diagram 5:** Points R0-R7 are arranged in a square. Connections J1, J2, J3, J4, J5, J6, J7, and J8 are shown. J1 connects R0-R1, J2 connects R2-R3, J3 connects R4-R5, J4 connects R6-R7, J5 connects R0-R2, J6 connects R1-R3, J7 connects R4-R6, and J8 connects R5-R7.
- Diagram 6:** Points R0-R7 are arranged in a square. Connections J1, J2, J3, J4, J5, J6, J7, and J8 are shown. J1 connects R0-R1, J2 connects R2-R3, J3 connects R4-R5, J4 connects R6-R7, J5 connects R0-R2, J6 connects R1-R3, J7 connects R4-R6, and J8 connects R5-R7.
- Diagram 7:** Points R0-R7 are arranged in a square. Connections J1, J2, J3, J4, J5, J6, J7, and J8 are shown. J1 connects R0-R1, J2 connects R2-R3, J3 connects R4-R5, J4 connects R6-R7, J5 connects R0-R2, J6 connects R1-R3, J7 connects R4-R6, and J8 connects R5-R7.
- Diagram 8:** Points R0-R7 are arranged in a square. Connections J1, J2, J3, J4, J5, J6, J7, and J8 are shown. J1 connects R0-R1, J2 connects R2-R3, J3 connects R4-R5, J4 connects R6-R7, J5 connects R0-R2, J6 connects R1-R3, J7 connects R4-R6, and J8 connects R5-R7.

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