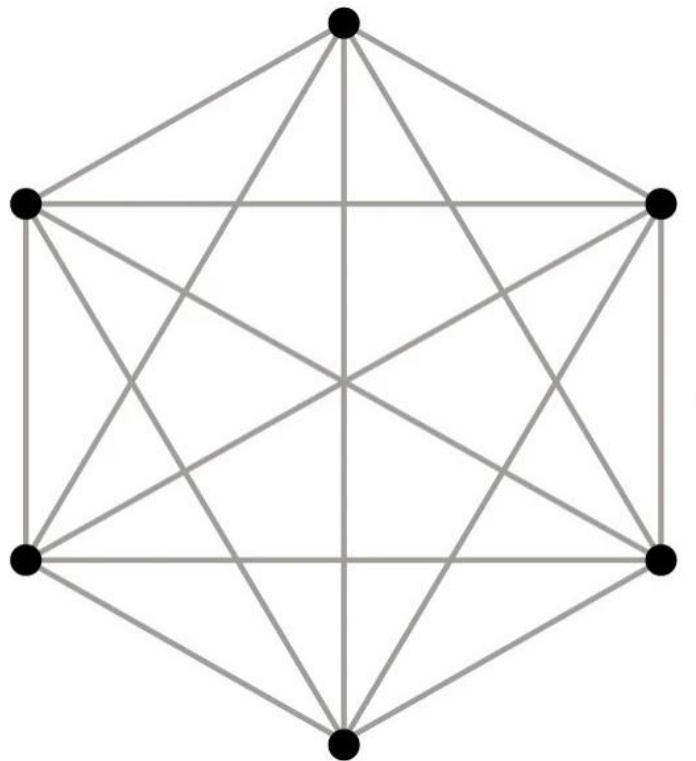


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Activities at Home

Pencil Game: Sim



How to Play:

Two players take turns tracing the gray lines between dots.

One player uses one color ink or pencil, while the other uses another color.

The first player who is forced to complete a triangle (with all three sides in his or her color) loses the game.

Triangles must be formed with dots at each point; interior segments don't count.

History:

Invented in 1969 by mathematician Gustavus J. Simmons based on the [Ramsey/graph theory](#).