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*The Pythagorean Games Metromachia and Rithmomachia.* Preliminary report.

There is evidence of number theory in Rithmomachia (e.g., Fibonacci, Pell, and Jacosthal Numbers). We have made progress in linking the infinite board of Rithmomachia to infinity with these numbers. Metromachia is a geometric game based on the same principle of Rithmomachia. We expect to find the connection of Greek Number Theory with Metromachia in the fashion of the previous work with Rithmomachia (Received September 14, 2020)