

Scientific Notation Lining Up Dominoes

Copy the dominoes on cardstock and laminate. Cut the pieces along the solid lines. Each pair or group of students receives one set of dominoes. One person shuffles the dominoes and deals an equal number to each player. Students must start with the playing piece that says “Start” or “Begin”. Students try to connect dominoes together by matching the number on one domino to the scientific notation equivalent on another domino. Play continues until all pieces are connected.

The blackline master is the key.

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Start	210,000	2.1×10^5	10,200	1.02×10^4	0.0102	1.02×10^{-2}	0.00201
2.01×10^{-3}	1030	1.03×10^3	0.00301	3.01×10^{-3}	0.012	1.2×10^{-2}	13
1.3×10^1	210	2.1×10^2	1300	1.3×10^3	201	2.01×10^2	102
1.02×10^2	13,000	1.3×10^4	0.00012	1.2×10^{-4}	0.00031	3.1×10^{-4}	130
1.3×10^2	0.00103	1.03×10^{-3}	3010	3.01×10^3	31,000	3.1×10^4	End