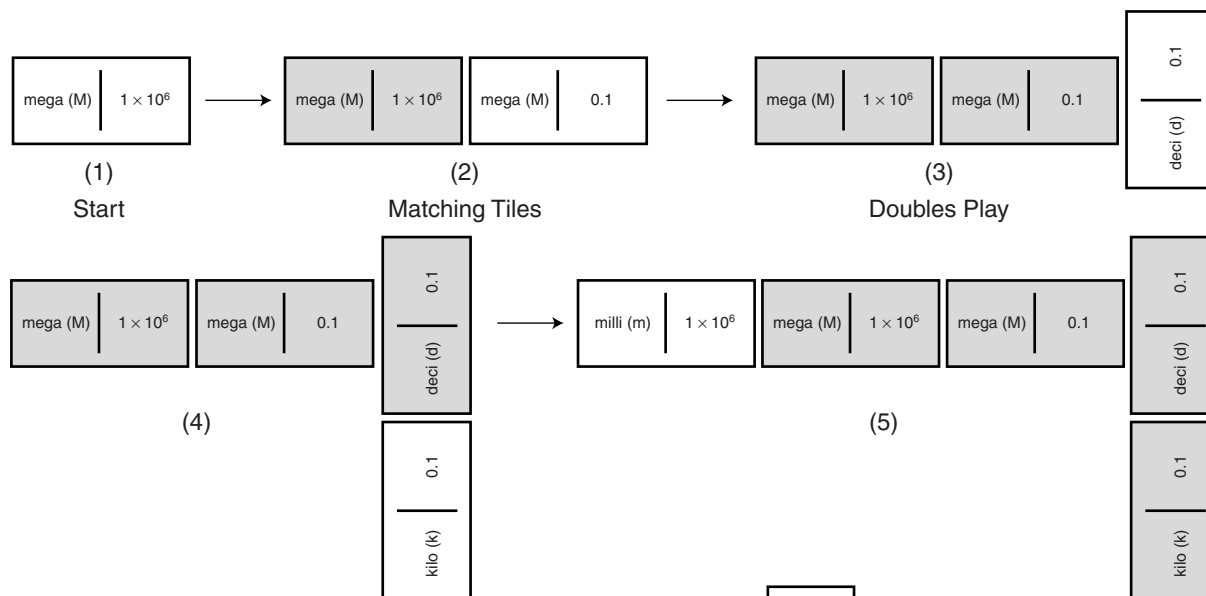


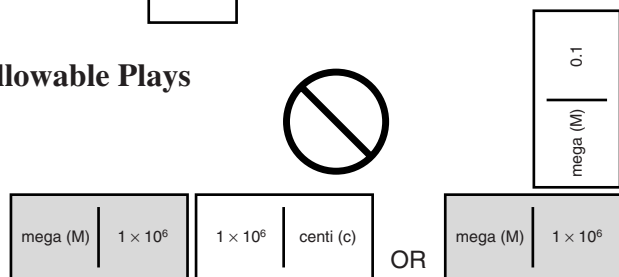
Metric-ominoes Rules

1. The Metric-ominoes are to be placed face-down on the table and mixed.
2. Each student draws 7 tiles from the pile. The rest of the Metric-ominoes remain face-down in the center to make up the drawing pile.
3. The student with the highest “double” (a tile that has a matching prefix and numerical value, i.e., kilo and 1000) plays first by laying that piece face up on the table. Play moves clockwise with the next player matching one of his Metric-ominoes to one end of the double. A prefix must be matched to the correct numerical value and vice-versa.
4. Play continues clockwise with the next player adding any matching Metric-omino to the other end of the double or to the end of the second Metric-omino that was played. Only one Metric-omino is to be played at each turn.
5. Metric-ominoes are to be placed lengthwise, except doubles, which are played crosswise, allowing new directions of play. Players can play off of both ends and the side of a doubles tile.
6. If players cannot make a play on their turn, they must draw a tile from the extra pile until a play can be made or until three (3) new Metric-ominoes have been drawn. If three (3) are drawn and a play still cannot be made, the turn passes to the next player.
7. Play continues until one player has used all of his Metric-ominoes.

Examples of Allowable Plays



Examples of Nonallowable Plays



Conversion Tables

Table of Conversion Units

Prefix	Numerical Value
Mega	1×10^6
Kilo	1000
Deka	10
Deci	0.1
Centi	0.01
Milli	0.001 or 1×10^{-3}
Micro	0.000001 or 1×10^{-6}
Nano	0.000000001 or 1×10^{-9}

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Transparency

milli (m)	milli (m)	milli (m)	milli (m)	milli (m)	milli (m)	milli (m)	milli (m)
0.001	0.01	0.1	1000	1×10^6	10	1×10^{-6}	1×10^{-9}
centi (c)	centi (c)	centi (c)	centi (c)	centi (c)	centi (c)	centi (c)	centi (c)
0.001	0.01	0.1	1000	1×10^6	10	1×10^{-6}	1×10^{-9}
deci (d)	deci (d)	deci (d)	deci (d)	deci (d)	deci (d)	deci (d)	deci (d)
0.001	0.01	0.1	1000	1×10^6	10	1×10^{-6}	1×10^{-9}
kilo (k)	kilo (k)	kilo (k)	kilo (k)	kilo (k)	kilo (k)	kilo (k)	kilo (k)
0.001	0.01	0.1	1000	1×10^6	10	1×10^{-6}	1×10^{-9}

