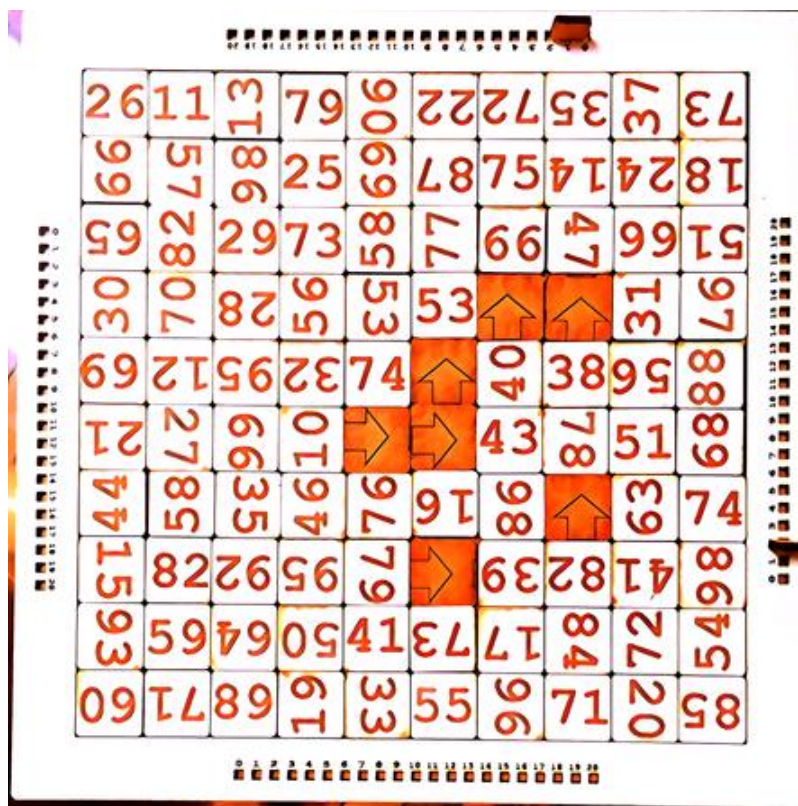# Numopoly

(Updated April 1, 2019)

Numopoly is the math theme for Depicted. It is a math game played on an ever-changing board where players match numbers to equations. Up to four players can maintain their scores on the built-in scoring tracks. The game engages players to think differently about numbers. The board holds tiles with pairs of digits. Players use equation challenge cards to flip tiles amongst adjacent numbers until enough tiles are claimed to score one point.

COMPONENTS: Laser cut board, 100+ wooden tiles, 30+ challenge cards, four score trackers.

GOAL:

Relate challenge cards to pairs of digits, claim four adjacent spaces, advance scores. Repeat until someone hits 20 points.

SETUP:

Shuffle the tiles and randomly place face up to fill the board. Keep the remaining tiles in the bag. Shuffle the challenge cards and place face down in a pile. Reset all score indicators to zero.

GAME PLAY:

On each turn, a player has 30 seconds to do the following:

- Flip over the next challenge card
- Find a number that matches the challenge
- Flip the tile over and align arrow to point to player
- Determine if territory has been claimed
- Flip back the challenge card in a discard pile

When the discard pile is complete, shuffle and rebuild the draw pile.

CLAIMING TERRITORY:

Once four or more tiles in a straight line or 2x2 square have been claimed by the player's tokens, that player scores one point. Tiles are replaced with new tiles from the bag.

STRATEGY:

Thwart an opponent on the verge of claiming territory by blocking with potential tiles.

WINNING:

The first person to gain 20 points wins.

CHALLENGE CARDS:

These cards identify which two digits or actual numbers match the coin to be claimed.

SUM OF DIGITS 2	SUM OF DIGITS 3	SUM OF DIGITS 4	SUM OF DIGITS 5	SUM OF DIGITS 6	SUM OF DIGITS 7	SUM OF DIGITS 8	SUM OF DIGITS 9	EVEN NUMBER
SUM OF DIGITS 10	SUM OF DIGITS 11	SUM OF DIGITS 12	SUM OF DIGITS 13	SUM OF DIGITS 14	SUM OF DIGITS 15	SUM OF DIGITS 16	SUM OF DIGITS 17	ODD NUMBER
SUM OF DIGITS 18	MULTIPLE OF 20	DIFF OF DIGITS 1	DIFF OF DIGITS 2	DIFF OF DIGITS 3	DIFF OF DIGITS 4	DIFF OF DIGITS 5	DIFF OF DIGITS 6	PRODUCT ENDS IN 0
DIFF OF DIGITS 7	DIFF OF DIGITS 8	DIFF OF DIGITS 0	MULTIPLE OF 2	MULTIPLE OF 3	MULTIPLE OF 4	MULTIPLE OF 5	MULTIPLE OF 6	MULTIPLE OF 7
MULTIPLE OF 8	MULTIPLE OF 9	MULTIPLE OF 10	MULTIPLE OF 11	MULTIPLE OF 12	PAIR	FIBONACCI NUMBER	DIGITS EVENLY DIVIDED	PRIME NUMBER
PRODUCT ENDS IN 1	PRODUCT ENDS IN 2	PRODUCT ENDS IN 3	PRODUCT ENDS IN 4	PRODUCT ENDS IN 5	PRODUCT ENDS IN 6	PRODUCT ENDS IN 7	PRODUCT ENDS IN 8	PRODUCT ENDS IN 9

Prime Numbers: (2, 3, 5, 7,) 11, 13, 17, 19, 23, 29, 31, 37, 41, 43, 47, 53, 59, 61, 67, 71, 73, 79, 83, 89, 97.   **Pairs:** 11, 22, 33, 44, 55, 66, 77, 88, 99.

Digits Evenly Divided: 10-22, 24, 26, 28, 30, 31, 32, 33, 36, 39, 40, 41, 42, etc.

Fibonacci Sequence Numbers: 1, 2, 3, 5, 8, 13, 21, 34, 55, 89.

Examples of numbers matched with challenge categories:

Number on Coin	Sum of Digits	Difference of Digits	Multiple of
12	3	1	2,3,4,6
33	6	0	3,11
72	9	5	8,9

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