

Decimal Order

The object of the game is to fill the game board by placing six decimals in order from smallest to largest. This game is for one to four players.

Materials

- Decimal Order Game Board for each player
- One set of Decimal Cards 1 and Decimal Cards 2 for two players. Mix the cards and place them face down between the players. Mix together two sets for 3 or 4 players.
- hundredths circle or thousandths grids

Directions

1. Players take turns. On your turn, draw a card from the pile and decide where to place it on your game board.
2. If you draw a card that you cannot place because of the numbers already on your board, keep the card and lose a turn.
3. If you draw a card with a decimal equivalent to one already placed on your game board, place the card to the right or left of the equivalent, if a space is open. If there is no space available, keep the card and lose a turn.
4. When one player fills his or her game board, all players use a hundredths circle or blank thousandths grid to check that the order is correct.
5. The winner is the player who correctly fills his or her game board first.

Variations

- Partners play with one game board and take turns placing cards on the game board. The winner is the player who fills the last space on the game board.
- Order the decimals from largest to smallest.
- Include cards with both common fractions and decimals.

Name _____ Date _____

Decimal Order Game Board

--	--	--	--	--	--

Smallest

Largest

Decimal Cards 1

0.33	0.1	0.6	0.125
0.67	0.5	0.20	0.05
0.450	.9	.100	.75
0.250	.754	.01	0.606
1.0	0.001	0.2	0.12

Decimal Cards 2

0.703	0.699	0.15	0.367
0.55	0.500	0.27	0.875
0.040	0.375	1.001	0.98
0.3	.010	0.8	0.17
0.27	0.004	0.579	0.975