



Smaller to Larger

You need

- Decimal Cards, Sets A and B (1 set of each for 2 players, 2 sets of each for 3 or 4 players)

Play with a partner or in a small group.

- 1 Mix together all of the Decimal Cards.
- 2 Each player draws a 3×3 grid for a game mat, with spaces large enough for Decimal Cards to fit inside.
- 3 Mix the combined deck and place it facedown between the players.
- 4 Players take turns. On your turn, draw the top card from the pile and decide where to place it on your game mat. The numbers must be in increasing order, from left to right in each row and from top to bottom in each column.
- 5 If you draw a card that you cannot place because of the numbers already on your game mat, you must keep the card in a pile and lose your turn.

Example:

Suppose that after six turns, your game mat looks like this. You draw 0.15 and it cannot be played because 0.375 is already in the lowest place on the board. Put the 0.15 card in your pile of cards that cannot be played.

0.375 three hundred seventy-five thousandths	0.475 four hundred seventy-five thousandths	
	0.55 fifty-five hundredths	0.6 six tenths
0.75 seventy-five hundredths	0.875 eight hundred seventy-five thousandths	

- 6 If you are unsure which of two numbers is larger, discuss them with other players.
- 7 The game is over when each player has filled all nine spaces.
- 8 The winner is the player who has fewer cards that cannot be played. If no player fills all nine spaces of the gameboard, the player with more cards placed on the gameboard is the winner.

Name _____

Date _____

Decimals on Grids and Number Lines

Decimal Cards, Set A



0.1 one tenth	0.2 two tenths	0.3 three tenths	0.4 four tenths
0.5 five tenths	0.6 six tenths	0.7 seven tenths	0.8 eight tenths
0.9 nine tenths	0.05 five hundredths	0.15 fifteen hundredths	0.25 twenty-five hundredths
0.35 thirty-five hundredths	0.45 forty-five hundredths	0.55 fifty-five hundredths	0.65 sixty-five hundredths
0.75 seventy-five hundredths	0.85 eighty-five hundredths	0.95 ninety-five hundredths	1 one
0 zero	$\frac{1}{2}$ one half		

Name _____

Date _____

Decimals on Grids and Number Lines

Decimal Cards, Set B



0.025 twenty-five thousandths	0.075 seventy-five thousandths	0.125 one hundred twenty-five thousandths	0.175 one hundred seventy-five thousandths
0.225 two hundred twenty-five thousandths	0.275 two hundred seventy-five thousandths	0.325 three hundred twenty-five thousandths	0.375 three hundred seventy-five thousandths
0.425 four hundred twenty-five thousandths	0.475 four hundred seventy-five thousandths	0.525 five hundred twenty-five thousandths	0.575 five hundred seventy-five thousandths
0.625 six hundred twenty-five thousandths	0.675 six hundred seventy-five thousandths	0.725 seven hundred twenty-five thousandths	0.775 seven hundred seventy-five thousandths
0.825 eight hundred twenty-five thousandths	0.875 eight hundred seventy-five thousandths	0.925 nine hundred twenty-five thousandths	0.975 nine hundred seventy-five thousandths