

Decimal Compare

Object of the Game

Win more cards than your partner by turning over cards with a greater value.

Materials

Decimal Card Set A (2 sets)

Decimal Grids (to help you justify your thinking) or [Digital Decimal Grids](#)

You can include Set B if you want to play with thousandths.

Math Concepts

Decimal place value, compare decimal numbers

How to Play

1. Deal an equal number of cards to each player.
2. Stack your cards face-down in a pile.
3. Each player turns over the top card in his/her pile.
 - Compare the decimal numbers.
 - Who has the greater decimal number? How do you know?
 - Use your decimal grids and decimal reasoning to explain your thinking.
The person with the greatest decimal number wins both cards.
4. If your numbers are equivalent, turn over the next card and compare. Whoever has the greatest number wins all the cards that have been turned over for that round.
5. Play until one player wins all the cards or until you want to stop.
6. The player who wins the most cards wins the game.

Math Talk

_____ is greater than _____ because _____.

Variations

Smallest Decimal Wins, Decimal Closest to $\frac{1}{2}$ Wins, Decimal Double Compare (turn over 2 cards) and add them together - the person with the greatest sum wins.

Decimal Card Set A

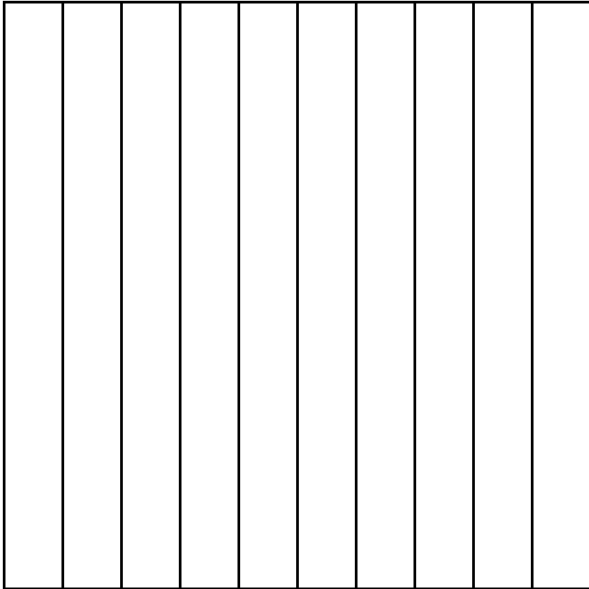
0.1 one tenth	0.2 two tenths	0.3 three tenths	0.4 four tenths
0.5 five tenths	0.6 six tenths	0.7 seven tenths	0.8 eight tenths
0.9 nine tenths	0.05 five hundredths	0.15 fifteen hundredths	0.25 twenty-five hundredths
0.35 thirty-five hundredths	0.45 forty-five hundredths	0.55 fifty-five hundredths	0.65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

Decimal Card Set B

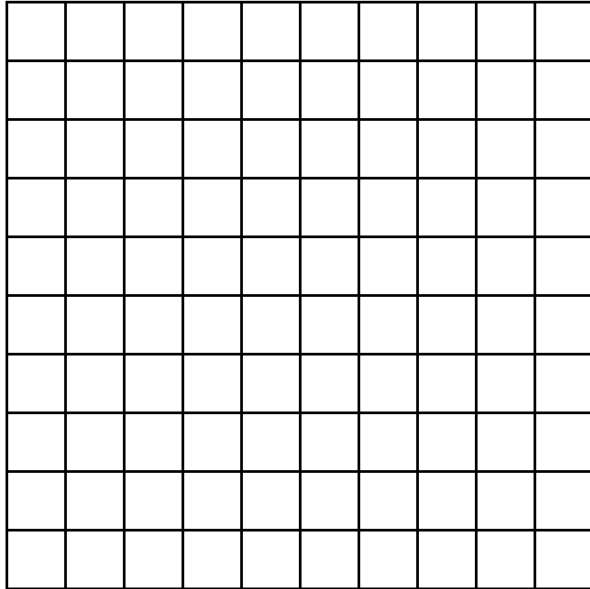
0.025 twenty-five thousandths	0.075 seventy-five thousandths	0.125 one hundred twenty-five thousandths	0.175 one hundred seventy-five thousandths
0.225 two hundred twenty-five thousandths	0.275 two hundred seventy-five thousandths	0.325 three hundred twenty-five thousandths	0.375 three hundred seventy-five 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

Decimal Grids

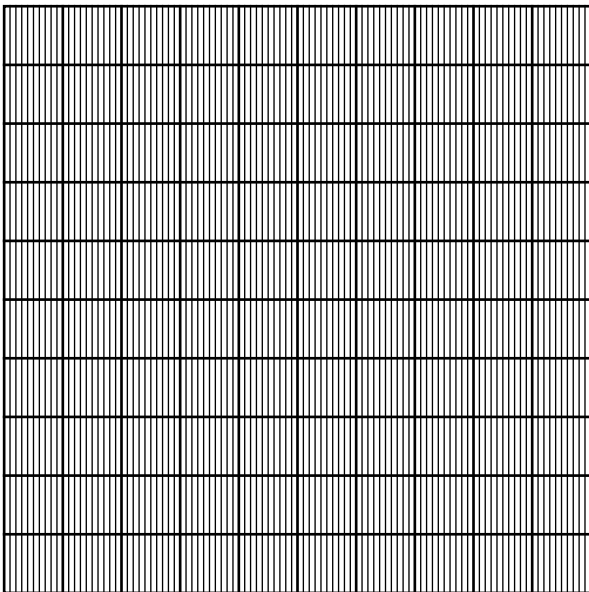
Tenths



Hundredths



Thousandths



Ten Thousandths

