Voices From the Classroom

Fraction ID

Objective:

Students will use deductive logic to name a fraction.

Materials:

Fraction tents
Fraction ID Question Cards
Fraction ID recording sheet

Procedure:

This is an activity for 3-5 students.
To determine who goes first:

- Shuffle the Fraction tents and place face down.
- Each player draws 1 tent.
- The player with the fraction value closest to zero plays first.
- Play continues to the right.

To play:

(1) Shuffle the Fraction ID Question Cards and place face down in the center of the game area.
(2) Shuffle the Fraction tents and deal one tent to each player face down.
(3) Each player sets up their tent so that the other players can see it but they can't.
(4) Player #1 draws a Fraction ID Question Card. Reads it to the other players and answers the question based on the fractions that player #1 can see (remember, player 1 can NOT see their own fraction).
(5) The other players now know something about their own fraction and should record that information on their Fraction ID Recording Sheet.
(6) Steps 4 and 5 are repeated with the next player.
(7) When a player thinks they know their fraction, they say: "Fraction ID My fraction is ___ and in the order of least to greatest value is the ___ term." Confirmation is given by the other players.
(8) If this player is correct, they are declared 1st place winner. Play continues with the other players. The next player to correctly Fraction ID will be the 2nd place winner and so on until all fractions have been identified.

Example Fraction ID Recording Sheet

What I've Learned About My Fraction

Numerator:	**Denominator:**	**My Fraction**

My fraction is _____ and in the order from least to greatest is the _____ term.

Example Fraction ID Question Cards

(1) How many fractions are less than one?	(2) How many fractions are equal to one?
(3) How many fractions are greater than one?	(4) What is the sum of all the numerators?
(5) How many denominators are prime?	(6) How many times do you see the digit 1?
(7) How many times do you see the digit 2?	(8) How many times do you see the digit 3?
(8) How many times do you see the digit 4?	(8) How many times do you see the digit 5?
(11) How many fractions have an odd denominator?	(12) How many fractions have an even denominator?

Fraction Tents are available online along with this entire activitiy, located at

http://www.tctmonline.net/