4.NF Comparing Fractions Using Benchmarks Game

Task

This activity is designed for pairs of students. It uses a set of cards and a fraction mat which are supplied as an attached resource, after the commentary. The goal is to place each fraction in the appropriate category on the mat. Instructions for the activity are as follows:

a. Students follow these steps with the fraction cards:
   i. Each student in the pair select a card.

   ii. Student 1 places his/her card within the appropriate category on the mat and gives an explanation for the placement.

   iii. Student 2 either agrees or disagrees with the placement.

   iv. If the partners disagree, they discuss until reaching a consensus.

   v. If the partners agree, Student 2 places his/her card and repeat steps 1 through 4 with this card.

b. After 5 rounds, each pair record observations about what methods they used to categorize the fractions.