Transcript of Sorting Fraction Cards Task slide presentation

http://topdrawer.aamt.edu.au/Fractions/Misunderstandings/Using-rules-blindly/Sense-of-size

The sorting fractions card task is intended to strengthen a sense of the relative size of fractions.

(Explaining function of the sorting fraction cards task)

Prepare fraction cards like these, choosing fractions that are already familiar to the students. If you want to use a smaller quantity of cards, you could have the students work in pairs or split the class into two or three smaller groups. Give each student a card and make sure they can read the fraction. Ask them to think about what it would look like if they drew something to represent it.

(Preparing fraction cards)

Imagining a number line, mark a location in the room and label it with 0. Mark another location with half and another with 1. Ask the students to decide which of the three values their own fraction is closest to and have them move to that location.

(Marking the end points and the middle of a number line. Cards move to the points on the number line which are closest to the fraction)

Ask each of the 3 groups to look at their own fractions and decide if they think each one is in the best group. Ask the students to identify the fractions that are difficult to place (like 2/3 and 3/5) and discuss why they are difficult to place.

(Identifying fractions from different groups)

Ask the students to decide what the fractions in their own group have in common. Encourage them to look at the relationship between the numerator and the denominator. Invite each group to explain to the rest of the class what they have noticed about the fractions.

(Identifying relationship between different fractions)