

## Activity – Fraction circles

### Background:

This activity gives teachers the opportunity to observe students' current understanding of fractions, that may not otherwise be made obvious. It also gives teachers the chance to introduce fraction notation as a way of recording what the students have already noticed and recorded (possibly as pictures).

### What to do:

- Print the Fraction circles template sheet in colour, enough copies for one between two students in your class.
- Laminate the sheets.
- Cut out each circle, then cut each circle into the marked segments.
- Put each set of the 23 sectors/segments into a ziplock bag.
- Use one bag between two students, so they work in pairs.
- Ask students to:
  - “Sort out these fractions in ways that produce as many whole circles as you can.”
  - “Record what you find out as you do this.”
- At the end of the session, ensure that all segments are replaced in their ziplock bag and collect them for reuse.

Activity sourced from Griffin, P. (2009), What makes a rich task? Mathematics Teaching 212, pp32-34. Retrieved from <https://www.atm.org.uk/write/mediauploads/journals/mt212/non-member/atm-mt212-32-34.pdf>

