

ACTIVITY IA3.1: Arrow Cards Draw for Numeral Identification

Intended learning: To identify numerals.

Instructional mode: Shorter, rehearsal mode for partners.

② **Materials:** One set of arrow cards for each group.

Description: Place all tens and ones arrow cards numerals face-down on the table top. Each student draws one of each colour arrow card: a tens card and a ones card. Students build the number with the arrow cards. Each student reads his or her number. Students 'expand' the arrow cards to verify the numeral identification.

Responses, variations and extensions:

- This task is designed to build facility with numeral identification. If needed, this activity may be combined with building the number with base-ten materials for additional scaffolding.
- Repeat activity with hundreds, tens and ones arrow cards.
- Repeat activity with thousands, hundreds, tens and ones arrow cards.
- This activity builds capacity for expressing numbers in expanded notation. Students may literally place a plus symbol between the arrow cards to form the expanded form of the number. Use the term 'expand' with students intentionally to facilitate this connection.
- Activity may be done without the zero place holder arrow cards (0, 00, 000, 0000).
- Students tend to struggle with reading numerals with zero place holders, numerals with teen numbers, and the left-right orientation for tens and ones.