

ACTIVITY IA3.3: Place Value Houses

Intended learning: To build facility with reading large numerals.

Instructional mode: Shorter, inquiry mode to rehearsal mode for individuals or whole class.

② **Materials:** Place value houses graphic organizer, digit cards (15 copies of each digit).

Description: The place value houses graphic provides students with a simple organizer for developing the knowledge of how large numerals are read. The graphic consists of several 'houses', each representing each period, with three line segments functioning as place holders for the ones, tens, and hundreds of each period. The teaching procedure involves displaying the place value houses graphic and saying, *Today we are going to learn an easy method to read large numerals. This [indicating the graphic with digit cards on each place] is called the place value houses graphic organizer. This graphic is used to help us learn how to read numerals with more than three digits. The houses on this graphic represent each period of a number. To read a large number, read the three-digit number within each house and then say the house's last name. Start with the left-most house and read each house left to right.*

Responses, variations and extensions:

- This activity is appropriate only after students can read three-digit numerals with facility.
- There is an American version of this graphic that has a comma separating each period. Students can be told to say the name of the period each time they reach the comma.