

ACTIVITY IA5.6: Crazy Grid

Intended learning: To add ten or multiples of ten to any number.

Instructional mode: Shorter, rehearsal mode for individuals, small groups or whole class.

- ① **Materials:** Crazy grid drawn on the board or from Resource CD, base-ten materials as needed.
- ② **Description:** Present a grid with one number displayed (see Figure 5.7). *One day, I was trying to print a hundred grid, and the printer went crazy. For some reason, almost none of the grid printed. Can you help me fill in the missing numbers?*

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Figure 5.7 A sample crazy grid

Responses, variations and extensions:

- This task is designed for students who have worked patterns on the hundred grid and are familiar with the format of the hundred grid.
- Examples of extensions are to begin with a number: (a) in the hundreds (257); (b) that requires hurdling the centuple (87); and (c) that is in the hundreds and requires hurdling the centuple (493).
- As students develop facility, have them insert only one specified missing number rather than all the missing numbers.