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Groceries, Stamps, and Measuring Strips Early Multiplication Contexts Learning Mathematics, Grades 3-5 Investigating Multiplication and Division

By Catherine Twomey Fosnot

FirstHand. Paperback. Book Condition: New. Paperback. 80 pages. Dimensions: 10.6in. x 8.3in. x 0.2in. Groceries, Stamps, and Measuring Strips: Early Multiplication is one of five units in the Contexts for Learning Mathematics Investigating Multiplication and Division (3 - 5) The focus of this unit is the introduction and early development of multiplication. By making use of realistic contexts, the unit invites students to find ways to mathematize their lived worlds with grouping structures. The unit uses many contexts: inside the grocery store; postage stamps; city buildings, windows, and buses; tiled patios; a bakers trays; and sticker pages. Initially, formal multiplication notation is not the focus; efficient grouping is, as students are encouraged to make groups (and groups of groups) to find efficient ways to deal with repeated addition and determine totals. The unit begins with the context of a grocery store. Students view an illustration of fruits and vegetables arranged in bins, stacked packages of paper towels, and six-packs of water bottles, among other items in a grocery store. Although the objects shown can be counted by ones, the arrangements naturally invite repeated addition, skip-counting, and doubling strategies as well as the language of grouping - for example, 8 groups...



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Reviews

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