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Jong, Cindy; Dowty, Haley; Hume, Bailey; Miller, Maranda
Integrating alternative algorithms: possibilities and practices.

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Summary: This article discusses reasons for learning alternative algorithms and the benefits of exposing preservice teachers to alternative algorithms. It presents two alternative multi-digit subtraction algorithm examples, includes perspectives from preservice teachers, and provides strategies for teachers and teacher educators to integrate alternative algorithms in classrooms.

Classification: F32 F39

Keywords: written arithmetic; primary education; teaching; subtraction; alternative algorithms; teacher education; preservice teachers; teacher attitudes; teacher conceptions