

**ZMATH 2000c.01884**

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**Preservice Teachers' Use of Multiple Representations in Solving Arithmetic Mean Problems.**

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Examines solutions presented by preservice teachers for solving graphical and numerical problems involving the arithmetic mean. Participants presented two methods: algorithmic computation and balancing deviations about the mean. A significant difference was found between science and mathematics preservice teachers in the use of balancing deviations to solve problems, but not in the use of the computational algorithm. (ERIC)

*Classification:* F99

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