

**ZMATH 2012b.00488**

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**What do the NAEP math tests really measure.**

Notices Am. Math. Soc. 58, No. 1, 53-55 (2011).

The author contends that the mathematics tests (for fourth and eighth grades) in the National Assessment of Educational Progress (NAEP) test are more like IQ tests than achievement tests. Four sample items from the test are presented, which items show a lack of mathematical content. The author concludes: "Until such time as a reliable national mathematics achievement test comes into existence, the plethora of education research articles that base their findings on NAEP math scores should be considered with reservations."

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*Classification:* D62 D63 C42 C43

*Keywords:* NAEP; IQ test; achievement; ability; grade 4; grade 8