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**Teaching children about the inverse relation between addition and subtraction.**

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Summary: Two intervention studies are described. Both were designed to study the effects of teaching children about the inverse relation between addition and subtraction. The interventions were successful with 8-year-old children in Study 1 and to a limited extent with 5-year-old children in Study 2. In Study 1 teaching children about inversion increased their success not just in Inverse problems ( $a + b - b = ?$ ) but also in Transfer complement problems ( $a + b = c; c - b = ?$ ). (Contains 1 footnote, 3 tables, and 1 figure.) (ERIC)

*Classification:* F32 D42 C72

*Keywords:* subtraction; arithmetic; number concepts; young children; elementary school students; problem solving; teaching methods; instructional effectiveness; correlation; visual stimuli; calculators; lecture method; pretests posttests

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