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Ezra A. Brown* (ezbrown@math.vt.edu), Mathematics Department, Virginia Tech, Blacksburg, VA 24061-0123. *Interpolation and remainders: two formulas that are really the same.*

To pass a polynomial through a set of points, use the Lagrange Interpolation formula. To construct an integer satisfying a set of congruences, use the Chinese Remainder Theorem. This talk is about how these two classic results are really the same, and how the speaker came to realize this while teaching two back-to-back classes. (Received September 06, 2010)