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## A New Test of Imagination

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## A NEW TEST OF IMAGINATION

MARTIN F. FRITZ

A cube drawn in perspective on paper is placed before the subject. The test consists in following one of the eight corners as the cube is tumbled about, in imagination; tipped forward or backward, to the right or left, or turned half way around. These movements makes possible a series of problems graded in difficulty. This test was given to Freshman students at Iowa State College in 1933. The mean number of problems correctly solved by Agriculture, Home Economics, and Engineering students was  $6.45 \pm 0.21$ ,  $4.93 \pm 0.15$ , and  $9.04 \pm 0.20$ , respectively. The critical ratios were Agri.-Home Ec., 6.0; Agri.-Eng., 8.0; and Home Ec.-Eng., 16. Correlations with the Iowa State College Aptitude Test (Freshman) were Agri.,  $0.48 \pm 0.03$ ; Home Economics,  $0.33 \pm 0.03$ ; and Engineering,  $0.52 \pm 0.02$ . Correlations with sub-tests indicate that the Cube Test measures a somewhat different mental ability than is measured by certain other tests.

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