

Proceedings of the Iowa Academy of Science

Volume 47 | Annual Issue

Article 89

1940

A New Test of Imagination

Martin F. Fritz
Iowa State College

Let us know how access to this document benefits you

Copyright ©1940 Iowa Academy of Science, Inc.

Follow this and additional works at: <https://scholarworks.uni.edu/pias>

Recommended Citation

Fritz, Martin F. (1940) "A New Test of Imagination," *Proceedings of the Iowa Academy of Science*, 47(1), 306-306.

Available at: <https://scholarworks.uni.edu/pias/vol47/iss1/89>

This Research is brought to you for free and open access by the IAS Journals & Newsletters at UNI ScholarWorks. It has been accepted for inclusion in Proceedings of the Iowa Academy of Science by an authorized editor of UNI ScholarWorks. For more information, please contact scholarworks@uni.edu.

Offensive Materials Statement: Materials located in UNI ScholarWorks come from a broad range of sources and time periods. Some of these materials may contain offensive stereotypes, ideas, visuals, or language.

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 ± 0.21 , 4.93 ± 0.15 , and 9.04 ± 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 ± 0.03 ; Home Economics, 0.33 ± 0.03 ; and Engineering, 0.52 ± 0.02 . Correlations with sub-tests indicate that the Cube Test measures a somewhat different mental ability than is measured by certain other tests.

DEPARTMENT OF PSYCHOLOGY,
IOWA STATE COLLEGE,
AMES, IOWA.