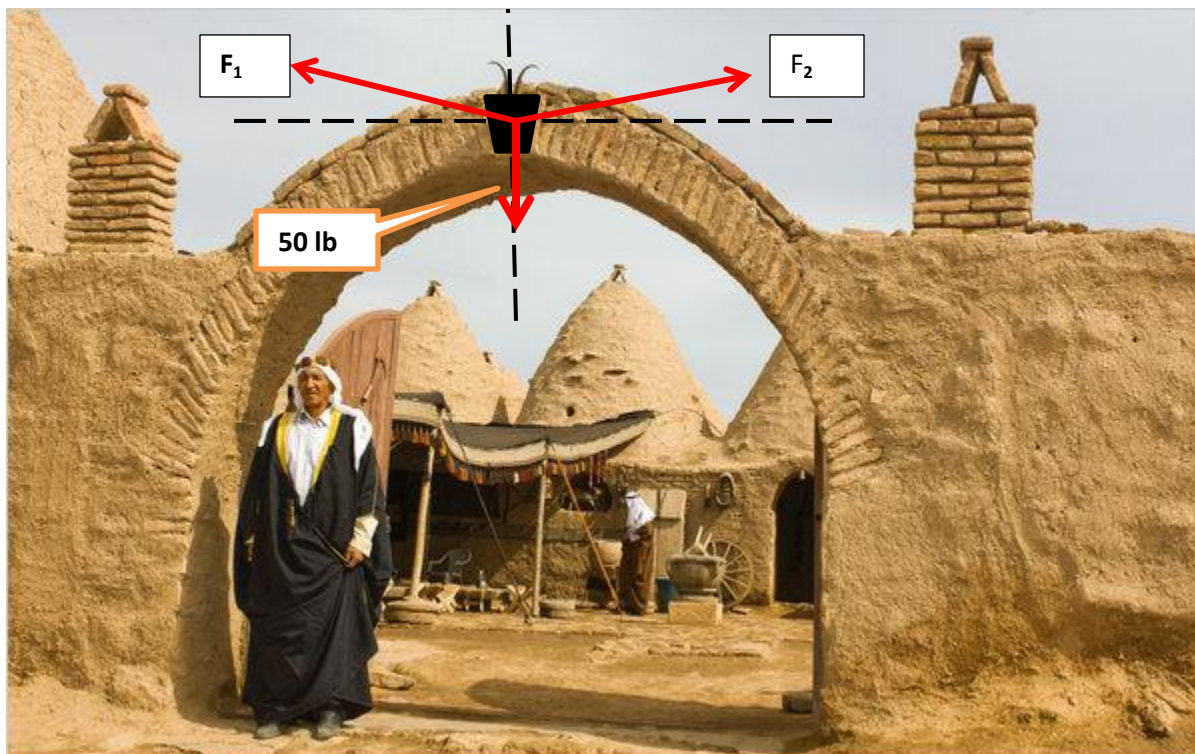


STATICS

Unit 3 Dr John P. Cise, Professor of Physics, Austin Community College, 1212 Rio Grande St.,

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Why We Travel: Readers Share Their Stories



DanitaDelimont.com, via Newscom

Village leader at his traditional house in Harran, Turkey.

INTRODUCTION: F_1 and F_2 are supporting the 50 lb keystone @ a 15° angle to horizontal.

QUESTION: Find F_1 and F_2 ? **HINT:** Make use of the condition for static equilibrium.

Show the two working equations.

ANSWER: $F_1 = F_2 = 96.6$ lb