

Fractions Construct a Sum

This task is from Behr, Wachsmuth & Post (*Journal for Research in Mathematics Education*, Vol. 16, No. 2, 1985).

Use only the following numbers to make fractions in the boxes below such that the sum comes as close to 1 as possible without being 1 exactly.

Number pool: 1, 3, 4, 5, 6, 7

numerator	+	numerator
denominator		denominator

numerator	+	numerator
denominator		denominator