

Problem of the Week

Problem #7

Due 10/28/16

Find a set of positive integers  $a_1, a_2, a_3, \dots, a_k$ , with as few integers as possible,

so that 
$$\frac{1}{a_1} + \frac{1}{a_2} + \frac{1}{a_3} + \dots + \frac{1}{a_k} = \frac{19}{89}.$$

Submit your work and solution at the next Talk Math 2 Me or to Joni Schneider at [js1824@txstate.edu](mailto:js1824@txstate.edu) with your name, student ID (A00...), major, classification, what math course you are currently taking, and email.