

**Problem of the Week**  
**Problem #6**  
**Due 03/11/16**

Is it possible to write the numbers 1, 2, ..., 10 in a list so that each pair of adjacent numbers differ by either 3 or 5? (As an example the list: 1, 4, 7, 10, 5, 8, 3, 6, 9, 2 would not suffice since 9 and 2 differ by 7.)

Submit your work and solution at the next Talk Math 2 Me with your name, student ID (A00...), major, what math course you are currently taking, and email.