

**Problem of the Week**

**Problem #3**

**Due 02/19/16**

How many distinct ordered triples  $(p, q, r)$  of positive prime numbers are there such that  $p < q < r$ , and  $p + q + r$  is a prime between 20 and 30?

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.