



Problem of the Week

Problem D

Mind Your Ps and Qs and Rs

Three digit numbers PQR , QQP and PQQ are formed using the single digits P , Q and R such that:

$$PQR + 2 = PQQ$$

AND

$$PQR \times 2 = QQP$$

Determine all possible combinations of values of P , Q and R that satisfy the two equations.

