

Problem of the Week(END)

1. If $x = 20^{99}$, $y = 25^{100}$ and $z = 36^{101}$, how many zeroes are there at the end of product xyz ?
2. Six people meet at a party. Each person knows exactly two other people. If each person shakes hands with everyone he or she has never met, how many handshakes will occur?

