

Bizonyítsuk be, hogy

$$\left(\overbrace{9}^1 \overbrace{9}^2 \dots \overbrace{9}^n\right)^2 = \overbrace{9}^1 \overbrace{9}^2 \dots \overbrace{9}^{n-1} 8 \overbrace{0}^1 \overbrace{0}^2 \dots \overbrace{0}^{n-1} 1.$$