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SAMEN GENOMEN

$$x^2 + 100 = EG^2 = \left(\frac{x^2 + 100 - 10x}{10} \right)^2$$

OF

$$\begin{aligned} 100x^2 + 10000 &= (x^2 + 100 - 10x)^2 \\ &= x^4 - 20x^3 + 200x^2 + 100x^2 - 2000x + 10000 \end{aligned}$$

WEGSTREPEN

$$0 = x^4 - 20x^3 + 200x^2 - 2000x$$

OVS $x=0$

$$\text{OF } x^3 + 200x = 20x^2 + 2000$$