

$$\text{PNP} = \text{Sqrt} \left[\left(\left(\left(\left(x^2 * \text{PNP}^4 + 2 * \text{PNP}^2 * x^5 \right) + x^8 \right) / \text{PNP}^4 \right) - \left(1 - x^2 / (2 * \text{PNP}) \right) \right) * \left(\text{PNP}^2 / x^2 \right) \right]$$

$$\text{PNP} = \sqrt{\frac{\text{PNP}^2 \left(\frac{(\text{PNP}^4 x^2 + 2 \text{PNP}^2 x^5) + x^8}{\text{PNP}^4} - \left(1 - \frac{x^2}{2 \text{PNP}} \right) \right)}{x^2}}$$

$$\text{PNP}^2 = \left(\left(\left(\left(x^2 * \text{PNP}^4 + 2 * \text{PNP}^2 * x^5 \right) + x^8 \right) / \text{PNP}^4 \right) - \left(1 - x^2 / (2 * \text{PNP}) \right) \right) * \left(\text{PNP}^2 / x^2 \right)$$

$$\text{PNP}^2 = \frac{\text{PNP}^2 \left(\left(\frac{x^8}{\text{PNP}^4} + (\text{PNP}^4 x^2 + 2 \text{PNP}^2 x^5) \right) - \left(1 - \frac{x^2}{2 \text{PNP}} \right) \right)}{x^2}$$

$$y = \text{sqrt} \left((\text{PNP} * y - x^2) / x \right)$$

$$y = \frac{\text{sqrt} (\text{PNP} y - x^2)}{x}$$

$$y = \left((\text{PNP}^2 / x) + x^2 \right) / \text{PNP}$$

$$y = \frac{\frac{\text{PNP}^2}{x} + x^2}{\text{PNP}}$$

$$y = \left(\text{PNP}^4 / x + 2 * (\text{PNP}^2 * x^2) + x^5 \right) / \text{PNP}^3$$

$$y = \frac{\frac{\text{PNP}^4}{x} + 2 \text{PNP}^2 x^2 + x^5}{\text{PNP}^3}$$

These equations are various forms and building blocks to find a pattern in factoring.

$$\text{PNP} = x * y = \text{N} = p * q$$