måndag 19 december 2022

$$\frac{x^{2}-x-90}{x^{3}-2x^{2}-19x+01}$$

$$-(x^{3}-x^{2})$$

$$-(x^{2}-19x+0)$$

$$-(-x^{2}+x)$$

$$-(-x^{2}+x)$$

$$\frac{-10 \times + 10}{-(-20 \times + 20)} \qquad \alpha = 20$$

$$\chi^{3} - 2\chi^{2} - 19\chi + 20 = (\chi - 1)(\chi^{2} - \chi - 20)$$

$$X = \frac{1}{2} \pm \sqrt{\frac{1}{4} + 20} = \frac{1}{2} \pm \sqrt{\frac{81}{4}} = \frac{1}{2} \pm \frac{9}{2}$$

$$Sv: (X-1)(X-5)(X+4) = x^{3}-2x^{2}-19x+20=P(x)$$