$$(x^{3} + 2x^{2} - x - 2) : (x - 1) = x^{2} + 3x + 2 = (x + 1)(x + 2)$$

$$-(x^{3} - x^{2})$$
HORNEROVA SCHÉMA
$$(x^{3} | x^{2} | x | x^{0})$$

$$-(2x - 2)$$

$$-(2x - 2)$$

$$n - 0$$

$$(x^{3} | x^{2} | x | x^{0})$$

$$-(2x - 2)$$

$$n - 0$$

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

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

$$x^{2} + 3x + 2$$

$$x^{2} + 3x + 2$$

$$x^{3} + 2x^{2} - x - 2 = x(x^{2} - 1) + 2(x^{2} - 1) = (x^{2} - 1)(x + 2) = (x - 1)(x + 1)(x + 2)$$

