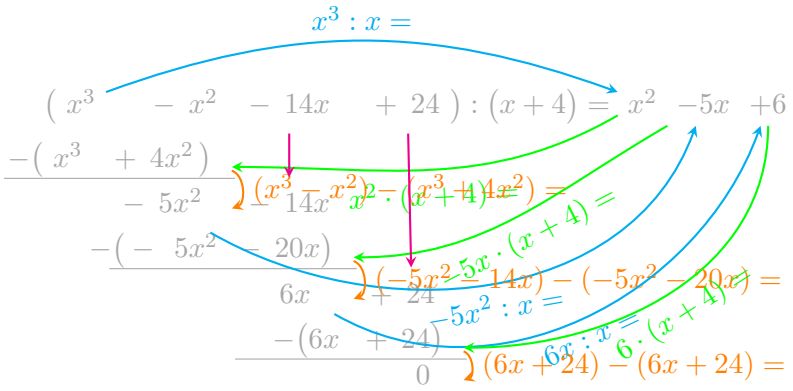
$x^3 : x =$
$(\ x^3 - x^2 - 14x + 24\ ) : (x+4) = x^2 - 5x + 6$
$-(\ x^3 + 4x^2\ )$
$-5x^2$
$(x^3 - x^2) - (x^3 + 4x^2) =$
$-(-5x^2 - 20x)$
$6x + 24$
$(-5x^2 - 14x) - (-5x^2 - 20x) =$
$-(6x + 24)$
0
$(6x + 24) - (6x + 24) =$
$x^2 \cdot (x+4) =$
$-5x \cdot (x+4) =$
$-5x^2 : x =$
$6x : x = 6 \cdot (x+4)$