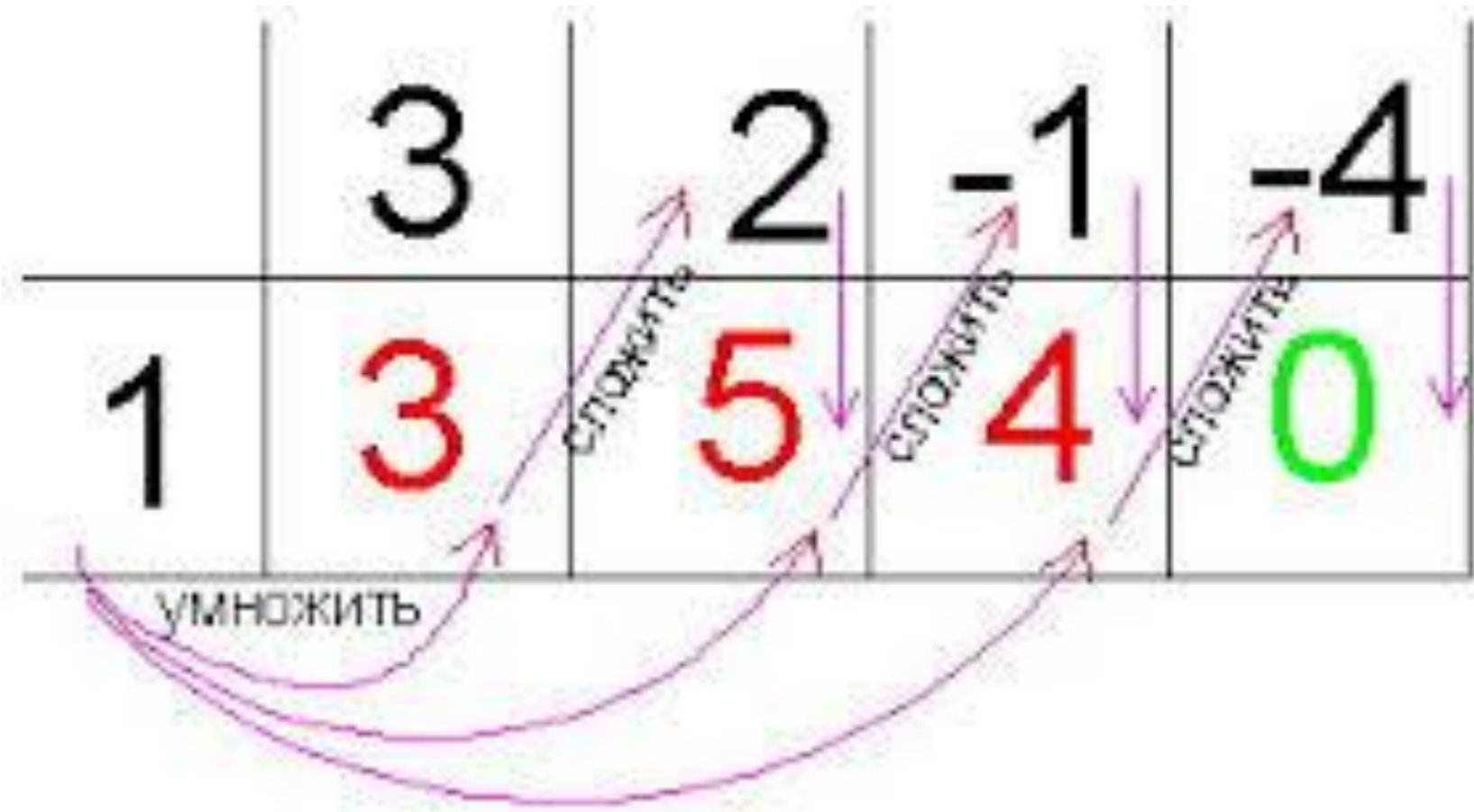


Схема Горнера

[нахождение остатка от деления многочлена $P(x)$ на $(x-a)$ без самого деления]

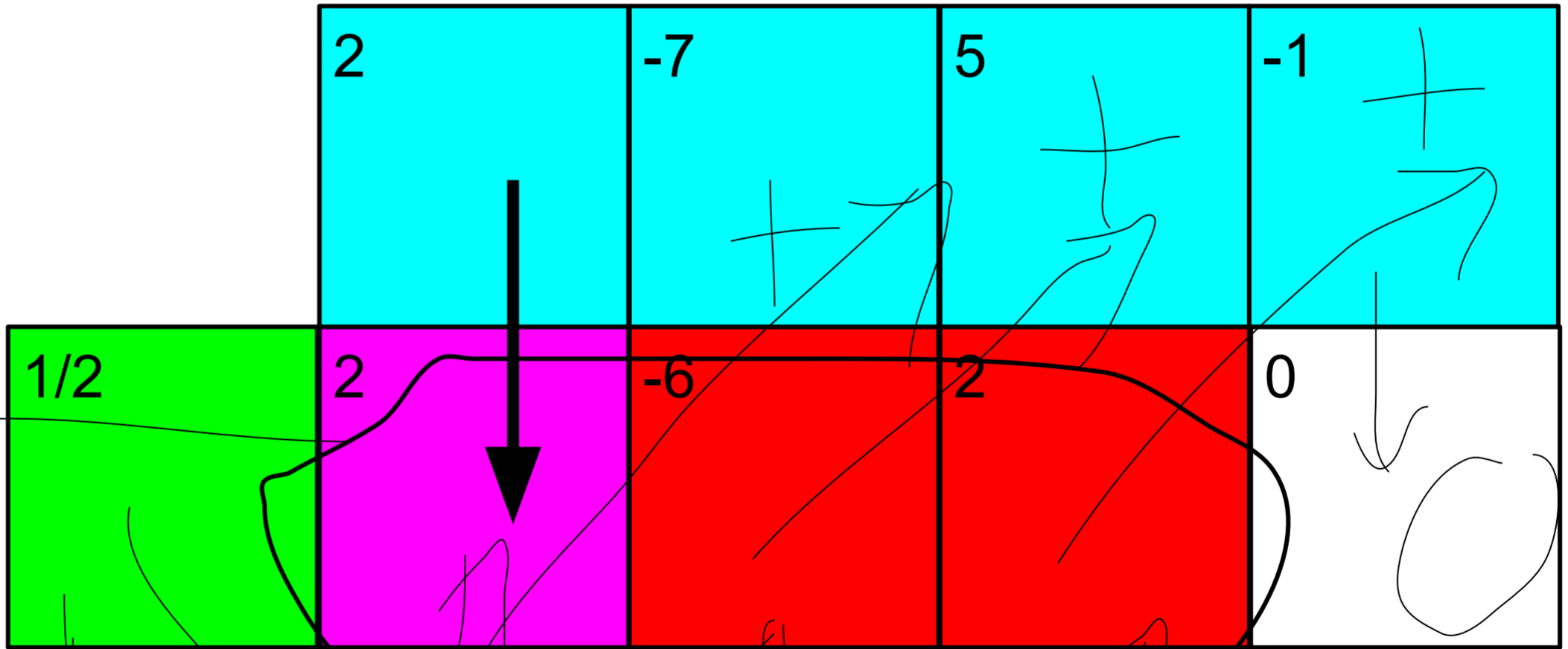
$2x^3 - 7x^2 + 5x - 1 = 0$



-1 : 1
2 : 2,1

+ - : 1/2, 1/1

$2(1/8) - 7(1/4) + 5(1/2) - 1 = 0$
 $1/4 - 7/4 + 10/4 - 4/4 = 0$
 $x = 1/2$



$2x^2 - 6x + 2 = 0$
 $x^2 - 3x + 1 = 0$
 $9 - 4 = 5$
 $x_{1,2} = (3 \pm \sqrt{5})/2$