$$\frac{x^2+x+1}{x^2+1} = \frac{x+5}{x+3}$$

$$\frac{x^2+x+1}{x^2+1} = x+3$$

$$x+5$$

$$\frac{x^2+x+1}{x^2+1} \times x+3 = 0$$

$$x+5$$

$$\frac{x^2+x+1}{} \times x+3 \times \frac{x+5}{x^2+1} = 0$$

x		-3		x^2-4		x^2-x	
x^2+x+1	+	‖	+	‖	+	0	-
$x+3$	-	0	+	‖	+	‖	+
$\frac{x+5}{x^2+1}$	-	‖	-	0	+	‖	+
a	+	0	-	0	+	0	-

$x^2+x+1 = 0$

$x^2+x = -1$

$x+3 = 0$

$x = -3$

$x+5 = 0$

$\frac{}{x^2+1}$

$x+5 = x^2+1$

$x = x^2-4$