$\frac{6}{x+1} = 60 \quad | \cdot (x+1)$

$\mathbb{Q} \setminus \{0\}$

$\frac{6}{x+1} \cdot (x+1) = 60(x+1)$

$\frac{6 \cdot (x+1)}{(x+1)} = 60x + 60$

$= 60x + 60 \quad | -60$

6

$-54 = 60x \quad | : 60$

$-\frac{54}{60} = x$

$-\frac{9}{10} = x$

$\frac{15}{6x} = \frac{5}{4} \quad | \cdot 6x$

$\frac{15}{6x} \cdot 6x = \frac{5}{4} \cdot 6x$

$6x$

$\frac{15 \cdot 6x}{6x} = \frac{5}{4} \cdot 6x$

$15 = \frac{30x}{4}$