

$$\frac{3x-27}{4} = \frac{4x+4}{5} - \frac{5-10x}{6} \quad | \cdot 60.$$

$$15(3x-27) = 12(4x+4) - 10(5-10x)$$

$$45x - 405 = 48x + 48 - 50 + 100x$$

$$45x - 405 = 148x - 2$$

$$45x - 148x = -2 + 405$$

$$-103x = 403$$

$$x = \frac{403}{103}$$

$$x = -3 \frac{94}{103}$$