$$\cancel{36} + 8x^2 - 44x = \cancel{36} - 12x + x^2$$

$$7x^2 - 32x = 0$$

$$x(7x - 32) = 0$$

$$\underline{x = 0}$$

$$x = \frac{32}{7} = 4\frac{4}{7} - \text{не подходит!}$$