You may have correctly rewritten the equation as $(5x - 2)^2 = 45$, and then mistakenly thought that if you divided by 5 you would get $\left(x - \dfrac{2}{5}\right)^2 = 9$. This is the result of an incorrect order of operations. Instead, use the Square Root Property to get $5x - 2 = \pm\sqrt{45}$, simplify the radical, and solve for x.