

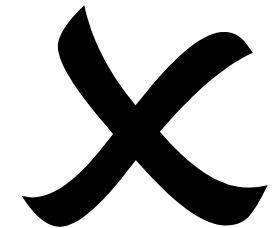
Classic Mistake N°4



Solving $2x^2 - 5x - 2 = 0$ gives

$$a = 2, \quad b = -5, \quad c = -2$$

$$\begin{aligned} x &= \frac{-b \pm \sqrt{b^2 - 4ac}}{2a} \\ &= \frac{5 \pm \sqrt{-5^2 - 4 \times 2 \times (-2)}}{2 \times 2} \\ &= \frac{5 \pm \sqrt{-25 + 16}}{4} \\ &= \frac{5 \pm \sqrt{-9}}{4} \end{aligned}$$



“Discriminating Discriminant”