

	$-15x^2 - x + 2 = 0$
Identify a , b , and c	$a: -15$ $b: -1$ $c: 2$
Substitute into the quadratic formula	$\frac{1 \pm \sqrt{(-1)^2 - (4)(-15)(2)}}{(2)(-15)}$
Evaluate.	$\frac{1 \pm \sqrt{1 - (-60)(2)}}{-30}$ $\frac{1 \pm \sqrt{1 - (-120)}}{-30}$ $\frac{1 \pm \sqrt{121}}{-30}$ $\frac{1 \pm 11}{-30}$ $\frac{12}{-30} \quad \frac{-10}{-30}$
Two solutions!	$x = \frac{12}{-30} (= -\frac{2}{5}) \quad \text{OR} \quad x = \frac{-10}{-30} (= \frac{1}{3})$