

Sof 8

03/10/2020
3PM
ACHA 3000
1403738

① $2x^2 + 9x + 10 = 0$

a	10
	5, 2

$(2x+5)(x+2) = 0$

$2x \times x = 2x^2$

$5 \times x = 5x, 2 \times 2 = 4$

$2x \times 2 = 4x$

$5 \times 2 = 10$

$2x+5=0$

$x+2=0$

$2x = -5$

~~$x = -2$~~

$x = \frac{-5}{2} = -2.5$

$x = -2$

~~$x = -2.5$~~

④ $14x^2 + 3x = 11$

$x = \frac{-3 \pm \sqrt{3^2 - 4(14)(11)}}{2(14)}$

$x = \frac{-3 \pm \sqrt{3^2 - 616}}{28}$

$x = \frac{-3 + \sqrt{9 - 616}}{28}$	$x = \frac{-3 + \sqrt{-607}}{28}$
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$x = \frac{-3 - \sqrt{9 - 616}}{28}$

$x = \frac{-3 - \sqrt{-607}}{28}$

$x = \frac{-3 + \sqrt{-607}}{28}$

$x = \frac{-3 - \sqrt{-607}}{28}$