二次方程式 解の公式（16問）　版Kの答え

※ 根号の中を簡単にしたか・約分したかまで見てください。

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(1) $2x^2 + 3x - 1 = 0$
$x = (-3 \pm \sqrt{17})/4$

(2) $4x^2 - 9x + 1 = 0$
$x = (9 \pm \sqrt{65})/8$

(3) $x^2 - 7x + 8 = 0$
$x = (7 \pm \sqrt{17})/2$

(4) $x^2 + 8x - 1 = 0$
$x = -4 \pm \sqrt{17}$

(5) $x^2 + 5x - 7 = 0$
$x = (-5 \pm \sqrt{53})/2$

(6) $x^2 - 3x + 1 = 0$
$x = (3 \pm \sqrt{5})/2$

(7) $x^2 - 7x + 5 = 0$
$x = (7 \pm \sqrt{29})/2$

(8) $3x^2 + 7x + 3 = 0$
$x = (-7 \pm \sqrt{13})/6$

(9) $2x^2 - 8x + 1 = 0$
$x = (4 \pm \sqrt{14})/2$

(10) $3x^2 - 9x + 1 = 0$
$x = (9 \pm \sqrt{69})/6$

(11) $4x^2 + 5x - 7 = 0$
$x = (-5 \pm \sqrt{137})/8$

(12) $3x^2 - 8x - 2 = 0$
$x = (4 \pm \sqrt{22})/3$

(13) $3x^2 - 2x - 6 = 0$
$x = (1 \pm \sqrt{19})/3$

(14) $x^2 - 7x - 1 = 0$
$x = (7 \pm \sqrt{53})/2$

(15) $x^2 - x - 8 = 0$
$x = (1 \pm \sqrt{33})/2$

(16) $x^2 + 7x - 7 = 0$
$x = (-7 \pm \sqrt{77})/2$