二次方程式 解の公式（16問）　版P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) $2x^2 + 9x + 5 = 0$
$x = (-9 \pm \sqrt{41})/4$

(2) $x^2 + 5x - 9 = 0$
$x = (-5 \pm \sqrt{61})/2$

(3) $5x^2 + 9x + 2 = 0$
$x = (-9 \pm \sqrt{41})/10$

(4) $2x^2 - 5x - 6 = 0$
$x = (5 \pm \sqrt{73})/4$

(5) $x^2 - 9x - 1 = 0$
$x = (9 \pm \sqrt{85})/2$

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

(7) $3x^2 + 2x - 3 = 0$
$x = (-1 \pm \sqrt{10})/3$

(8) $x^2 + 9x + 1 = 0$
$x = (-9 \pm \sqrt{77})/2$

(9) $3x^2 - 8x + 2 = 0$
$x = (4 \pm \sqrt{10})/3$

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

(11) $5x^2 - x - 9 = 0$
$x = (1 \pm \sqrt{181})/10$

(12) $2x^2 - 5x - 5 = 0$
$x = (5 \pm \sqrt{65})/4$

(13) $x^2 - x - 9 = 0$
$x = (1 \pm \sqrt{37})/2$

(14) $x^2 + 5x + 3 = 0$
$x = (-5 \pm \sqrt{13})/2$

(15) $3x^2 - 9x - 1 = 0$
$x = (9 \pm \sqrt{93})/6$

(16) $x^2 - 2x - 4 = 0$
$x = 1 \pm \sqrt{5}$