二次方程式 解の公式（16問）　版N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) $2x^2 + 7x + 4 = 0$
$x = (-7 \pm \sqrt{17})/4$

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

(3) $x^2 - 8x - 8 = 0$
$x = 4 \pm 2\sqrt{6}$

(4) $5x^2 - x - 3 = 0$
$x = (1 \pm \sqrt{61})/10$

(5) $4x^2 + 4x - 5 = 0$
$x = (-1 \pm \sqrt{6})/2$

(6) $2x^2 + 3x - 1 = 0$
$x = (-3 \pm \sqrt{17})/4$

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

(8) $4x^2 - 2x - 9 = 0$
$x = (1 \pm \sqrt{37})/4$

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

(10) $x^2 - 6x - 6 = 0$
$x = 3 \pm \sqrt{15}$

(11) $x^2 + 7x + 9 = 0$
$x = (-7 \pm \sqrt{13})/2$

(12) $3x^2 + 9x - 4 = 0$
$x = (-9 \pm \sqrt{129})/6$

(13) $x^2 - 7x - 3 = 0$
$x = (7 \pm \sqrt{61})/2$

(14) $5x^2 - 7x - 9 = 0$
$x = (7 \pm \sqrt{229})/10$

(15) $5x^2 - 8x - 5 = 0$
$x = (4 \pm \sqrt{41})/5$

(16) $x^2 + 6x - 8 = 0$
$x = -3 \pm \sqrt{17}$