二次方程式 解の公式（16問）　版I

なまえ：＿＿＿＿＿＿＿＿＿＿＿＿　　日づけ：＿＿＿＿＿＿

(1) $x^2 + 4x + 1 = 0$

(2) $2x^2 - 3x - 1 = 0$

(3) $x^2 - x - 8 = 0$

(4) $3x^2 - 2x - 4 = 0$

(5) $x^2 + 6x + 3 = 0$

(6) $x^2 - 6x + 1 = 0$

(7) $3x^2 + 8x - 8 = 0$

(8) $2x^2 - 3x - 6 = 0$

(9) $5x^2 + 2x - 2 = 0$

(10) $x^2 - 5x - 8 = 0$

(11) $x^2 - 6x - 3 = 0$

(12) $x^2 - 6x - 5 = 0$

(13) $4x^2 - 8x - 7 = 0$

(14) $x^2 + 7x + 7 = 0$

(15) $5x^2 + 6x - 6 = 0$

(16) $5x^2 + 3x - 4 = 0$

二次方程式 解の公式（16問）　版I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。

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

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

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

(4) $3x^2 - 2x - 4 = 0$
$x = (1 \pm \sqrt{13})/3$

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

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

(7) $3x^2 + 8x - 8 = 0$
$x = (-4 \pm 2\sqrt{10})/3$

(8) $2x^2 - 3x - 6 = 0$
$x = (3 \pm \sqrt{57})/4$

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

(10) $x^2 - 5x - 8 = 0$
$x = (5 \pm \sqrt{57})/2$

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

(12) $x^2 - 6x - 5 = 0$
$x = 3 \pm \sqrt{14}$

(13) $4x^2 - 8x - 7 = 0$
$x = (2 \pm \sqrt{11})/2$

(14) $x^2 + 7x + 7 = 0$
$x = (-7 \pm \sqrt{21})/2$

(15) $5x^2 + 6x - 6 = 0$
$x = (-3 \pm \sqrt{39})/5$

(16) $5x^2 + 3x - 4 = 0$
$x = (-3 \pm \sqrt{89})/10$

free-print.net ｜ 二次方程式の問題プリント 解の公式 版I ｜ 学校・塾での配布OK