二次方程式 解の公式（16問）　版A

なまえ：＿＿＿＿＿＿＿＿＿＿＿＿　　日づけ：＿＿＿＿＿＿

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

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

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

(4) $5x^2 - 6x - 9 = 0$

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

(6) $x^2 - 5x - 7 = 0$

(7) $x^2 + 9x + 7 = 0$

(8) $2x^2 + 9x - 3 = 0$

(9) $3x^2 + 8x - 7 = 0$

(10) $4x^2 - 6x - 3 = 0$

(11) $x^2 - 8x - 1 = 0$

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

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

(14) $4x^2 - 5x - 7 = 0$

(15) $3x^2 - 8x - 2 = 0$

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

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

(2) $5x^2 + 5x - 4 = 0$
$x = (-5 \pm \sqrt{105})/10$

(3) $5x^2 + 3x - 3 = 0$
$x = (-3 \pm \sqrt{69})/10$

(4) $5x^2 - 6x - 9 = 0$
$x = (3 \pm 3\sqrt{6})/5$

(5) $x^2 + 8x - 7 = 0$
$x = -4 \pm \sqrt{23}$

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

(7) $x^2 + 9x + 7 = 0$
$x = (-9 \pm \sqrt{53})/2$

(8) $2x^2 + 9x - 3 = 0$
$x = (-9 \pm \sqrt{105})/4$

(9) $3x^2 + 8x - 7 = 0$
$x = (-4 \pm \sqrt{37})/3$

(10) $4x^2 - 6x - 3 = 0$
$x = (3 \pm \sqrt{21})/4$

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

(12) $x^2 + 5x - 3 = 0$
$x = (-5 \pm \sqrt{37})/2$

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

(14) $4x^2 - 5x - 7 = 0$
$x = (5 \pm \sqrt{137})/8$

(15) $3x^2 - 8x - 2 = 0$
$x = (4 \pm \sqrt{22})/3$

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

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