

1次方程式

年 組 名前

/10

■ 次の1次方程式を解きなさい。

① $2x - 8 = 8$

$x =$

② $8a + 7 = -21 + a$

$a =$

③ $2(1 - 2x) = -1 - 7x$

$x =$

④ $-5 = -86 + 9x$

$x =$

⑤ $9x + 5 = 3x - 7$

$x =$

⑥ $-2x = -11x + 45$

$x =$

⑦ $-9 - 8y = 55$

$y =$

⑧ $7x = -2 + 8x$

$x =$

⑨ $-2 + 2s = 6s + 18$

$s =$

⑩ $-4 = 3x - 13$

$x =$

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■ 次の1次方程式を解きなさい。

① $2x - 8 = 8$

$2x = 8 + 8$

$2x = 16$

$x = 8$

$x = 8$

⑥ $-2x = -11x + 45$

$-2x + 11x = 45$

$9x = 45$

$x = 5$

$x = 5$

② $8a + 7 = -21 + a$

$8a - a = -21 - 7$

$7a = -28$

$a = -4$

$a = -4$

⑦ $-9 - 8y = 55$

$-8y = 55 + 9$

$-8y = 64$

$y = -8$

$y = -8$

③ $2(1 - 2x) = -1 - 7x$

$2 - 4x = -1 - 7x$

$-4x + 7x = -1 - 2$

$3x = -3$

$x = -1$

$x = -1$

⑧ $7x = -2 + 8x$

$7x - 8x = -2$

$-x = -2$

$x = 2$

$x = 2$

④ $-5 = -86 + 9x$

$-9x = -86 + 5$

$-9x = -81$

$x = 9$

$x = 9$

⑨ $-2 + 2s = 6s + 18$

$2s - 6s = 18 + 2$

$-4s = 20$

$s = -5$

$s = -5$

⑤ $9x + 5 = 3x - 7$

$9x - 3x = -7 - 5$

$6x = -12$

$x = -2$

$x = -2$

⑩ $-4 = 3x - 13$

$-3x = -13 + 4$

$-3x = -9$

$x = 3$

$x = 3$