1 次の方程式を解きなさい。

① $2(x-3)=-2$

② $3(2x-3)=21$

③ $3(2x-1)=-15$

④ $-6(1-x)=12$

⑤ $7(-1+x)=-21$

⑥ $2(x+5)=7(x-5)$

⑦ $-12-3x=-6(2x-1)$

⑧ $5(x-1)=-15+7x$

⑨ $2(2+x)=3(8+2x)$

⑩ $2(x+3)=-7(x-6)$

1 次の方程式を解きなさい。

① $2(x-3) = -2$

$2x - 6 = -2$

$2x = -2 + 6$

$2x = 4$

$x = 2$

② $3(2x-3) = 21$

$6x - 9 = 21$

$6x = 21 + 9$

$6x = 30$

$x = 5$

③ $3(2x-1) = -15$

$6x - 3 = -15$

$6x = -15 + 3$

$6x = -12$

$x = -2$

④ $-6(1-x) = 12$

$-6 + 6x = 12$

$6x = 12 + 6$

$6x = 18$

$x = 3$

⑤ $7(-1+x) = -21$

$-7 + 7x = -21$

$7x = -21 + 7$

$7x = -14$

$x = -2$

⑥ $2(x+5) = 7(x-5)$

$2x + 10 = 7x - 35$

$2x - 7x = -35 - 10$

$-5x = -45$

$x = 9$

⑦ $-12 - 3x = -6(2x-1)$

$-12 - 3x = -12x + 6$

$-3x + 12x = 6 + 12$

$9x = 18$

$x = 2$

⑧ $5(x-1) = -15 + 7x$

$5x - 5 = -15 + 7x$

$5x - 7x = -15 + 5$

$-2x = -10$

$x = 5$

⑨ $2(2+x) = 3(8+2x)$

$4 + 2x = 24 + 6x$

$2x - 6x = 24 - 4$

$-4x = 20$

$x = -5$

⑩ $2(x+3) = -7(x-6)$

$2x + 6 = -7x + 42$

$2x + 7x = 42 - 6$

$9x = 36$

$x = 4$