

中学 1 年計算 (1 次方程式)(解答)

_____ 年 _____ 組 _____ 番 氏名 _____

1. 次の方程式を解きなさい。

(1) $4x = -12$

$x = -3$

(2) $x + 7 = -9$

$x = -16$

(3) $4x + 3 = 15$

$x = 3$

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

$x = 1$

(5) $-2x = -7x - 10$

$x = -2$

(6) $3(x + 1) - (4x - 2) = 0$

$x = 5$

(7) $\frac{2}{3}x = \frac{1}{6}x + 2$

$x = 4$

(8) $0.3x - 1.8 = 0.2x + 0.5$

$x = 23$

(9) $0.2(x - 1) = 3$

$x = 16$

(10) $\frac{x + 2}{3} = \frac{x - 6}{2}$

$x = 22$

(11) $3x = 9$

$x = 3$

(12) $x - 7 = -2$

$x = 5$

(13) $4x + 5 = 17$

$x = 3$

(14) $x - 21 = 4x$

$x = -7$

(15) $5x - 4 = 2x + 11$

$x = 5$

(16) $3(x + 1) - 7 = 14$

$x = 6$

(17) $5x - 2 = 7(2 - x) + 8$

$x = 2$

(18) $3(x - 0.7) - 6 = 5.7x$

$x = -3$

(19) $\frac{2}{3}x + 1 = \frac{3}{4}x - \frac{1}{2}$

$x = 18$

(20) $\frac{x + 3}{2} = \frac{x - 2}{3} - 1$

$x = -19$