一次方程式 分数・小数・比例式（20問）　版L

なまえ：＿＿＿＿＿＿＿＿＿＿＿＿　　日づけ：＿＿＿＿＿＿

(1) $x/3 - 1 = x/4 + 4$

(2) $x/4 + 1 = x/3 - 1$

(3) $x : 12 = 3 : 2$

(4) $0.2x - 2.4 = 0.9x + 1.8$

(5) $(x - 4)/3 = (x + 4)/4$

(6) $x/3 + 2 = x/5 - 4$

(7) $0.5x - 0.8 = 0.4x - 1.4$

(8) $x/5 + 1 = x/3 + 6$

(9) $(x - 3)/2 = (x + 4)/4$

(10) $x : 12 = 11 : 4$

(11) $(x + 6)/2 = (x - 2)/4$

(12) $x : 12 = 11 : 3$

(13) $0.1x - 0.1 = 0.2x - 0.5$

(14) $0.2x + 1.3 = 0.6x - 3.5$

(15) $x : 8 = 9 : 2$

(16) $(x - 6)/5 = (x + 4)/3$

(17) $(x - 6)/3 = (x + 5)/5$

(18) $0.4x - 0.5 = 0.2x + 1.7$

(19) $x/3 + 2 = x/2 - 2$

(20) $x/3 + 4 = x/5 + 3$

一次方程式 分数・小数・比例式（20問）　版Lの答え

※ 分数は両辺に分母の最小公倍数を、小数は10倍をかけたかを見てください。

(1) $x/3 - 1 = x/4 + 4$
$x = 60$

(2) $x/4 + 1 = x/3 - 1$
$x = 24$

(3) $x : 12 = 3 : 2$
$x = 18$

(4) $0.2x - 2.4 = 0.9x + 1.8$
$x = -6$

(5) $(x - 4)/3 = (x + 4)/4$
$x = 28$

(6) $x/3 + 2 = x/5 - 4$
$x = -45$

(7) $0.5x - 0.8 = 0.4x - 1.4$
$x = -6$

(8) $x/5 + 1 = x/3 + 6$
$x = -75/2$

(9) $(x - 3)/2 = (x + 4)/4$
$x = 10$

(10) $x : 12 = 11 : 4$
$x = 33$

(11) $(x + 6)/2 = (x - 2)/4$
$x = -14$

(12) $x : 12 = 11 : 3$
$x = 44$

(13) $0.1x - 0.1 = 0.2x - 0.5$
$x = 4$

(14) $0.2x + 1.3 = 0.6x - 3.5$
$x = 12$

(15) $x : 8 = 9 : 2$
$x = 36$

(16) $(x - 6)/5 = (x + 4)/3$
$x = -19$

(17) $(x - 6)/3 = (x + 5)/5$
$x = 45/2$

(18) $0.4x - 0.5 = 0.2x + 1.7$
$x = 11$

(19) $x/3 + 2 = x/2 - 2$
$x = 24$

(20) $x/3 + 4 = x/5 + 3$
$x = -15/2$