一次方程式 分数・小数・比例式（20問）　版I

なまえ：＿＿＿＿＿＿＿＿＿＿　　日づけ：＿＿＿＿＿＿

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

(2) $x/4 + 1 = x/5 + 2$

(3) $0.9x + 1.3 = 0.2x + 4.8$

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

(5) $x : 4 = 9 : 2$

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

(7) $x/5 + 5 = x/4 + 2$

(8) $(x - 7)/4 = (x + 1)/3$

(9) $0.2x - 2.9 = 0.3x - 3.2$

(10) $0.6x + 1.7 = 0.5x + 2.6$

(11) $0.5x - 1.6 = 0.3x - 3.6$

(12) $x/2 - 4 = x/3 - 3$

(13) $x : 10 = 5 : 2$

(14) $0.8x - 0.3 = 0.3x - 2.3$

(15) $(x + 2)/2 = (x - 6)/3$

(16) $x/3 + 3 = x/2 + 1$

(17) $x : 6 = 5 : 2$

(18) $(x - 4)/2 = (x + 2)/5$

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

(20) $(x + 6)/3 = (x + 3)/2$

一次方程式 分数・小数・比例式（20問）　版I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) $(x + 3)/5 = (x - 5)/2$
$x = 31/3$

(2) $x/4 + 1 = x/5 + 2$
$x = 20$

(3) $0.9x + 1.3 = 0.2x + 4.8$
$x = 5$

(4) $x/5 + 3 = x/2 + 2$
$x = 10/3$

(5) $x : 4 = 9 : 2$
$x = 18$

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

(7) $x/5 + 5 = x/4 + 2$
$x = 60$

(8) $(x - 7)/4 = (x + 1)/3$
$x = -25$

(9) $0.2x - 2.9 = 0.3x - 3.2$
$x = 3$

(10) $0.6x + 1.7 = 0.5x + 2.6$
$x = 9$

(11) $0.5x - 1.6 = 0.3x - 3.6$
$x = -10$

(12) $x/2 - 4 = x/3 - 3$
$x = 6$

(13) $x : 10 = 5 : 2$
$x = 25$

(14) $0.8x - 0.3 = 0.3x - 2.3$
$x = -4$

(15) $(x + 2)/2 = (x - 6)/3$
$x = -18$

(16) $x/3 + 3 = x/2 + 1$
$x = 12$

(17) $x : 6 = 5 : 2$
$x = 15$

(18) $(x - 4)/2 = (x + 2)/5$
$x = 8$

(19) $x/4 - 3 = x/6 + 2$
$x = 60$

(20) $(x + 6)/3 = (x + 3)/2$
$x = 3$