一次方程式 分数・小数・比例式（20問）　版A

なまえ：＿＿＿＿＿＿＿＿＿＿　　日づけ：＿＿＿＿＿＿

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

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

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

(4) $0.2x - 0.8 = 0.5x + 0.1$

(5) $(x + 7)/2 = (x - 6)/4$

(6) $0.4x + 2.5 = 0.6x + 1.9$

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

(8) $x : 12 = 11 : 2$

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

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

(11) $x/6 + 2 = x/2 + 1$

(12) $x : 10 = 3 : 5$

(13) $0.2x - 0.5 = 0.7x - 1.5$

(14) $x : 10 = 1 : 5$

(15) $0.4x - 0.9 = 0.3x - 1.9$

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

(17) $0.3x + 2.2 = 0.9x + 1$

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

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

(20) $x : 6 = 7 : 3$

一次方程式 分数・小数・比例式（20問）　版A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) $(x + 1)/3 = (x - 5)/2$
$x = 17$

(2) $x/3 - 3 = x/4 - 6$
$x = -36$

(3) $(x - 4)/5 = (x + 5)/2$
$x = -11$

(4) $0.2x - 0.8 = 0.5x + 0.1$
$x = -3$

(5) $(x + 7)/2 = (x - 6)/4$
$x = -20$

(6) $0.4x + 2.5 = 0.6x + 1.9$
$x = 3$

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

(8) $x : 12 = 11 : 2$
$x = 66$

(9) $x/3 - 4 = x/2 - 4$
$x = 0$

(10) $x/4 + 4 = x/2 + 2$
$x = 8$

(11) $x/6 + 2 = x/2 + 1$
$x = 3$

(12) $x : 10 = 3 : 5$
$x = 6$

(13) $0.2x - 0.5 = 0.7x - 1.5$
$x = 2$

(14) $x : 10 = 1 : 5$
$x = 2$

(15) $0.4x - 0.9 = 0.3x - 1.9$
$x = -10$

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

(17) $0.3x + 2.2 = 0.9x + 1$
$x = 2$

(18) $(x + 7)/4 = (x + 2)/2$
$x = 3$

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

(20) $x : 6 = 7 : 3$
$x = 14$