一次方程式 分数・小数・比例式（20問）　版M

なまえ：＿＿＿＿＿＿＿＿＿＿　　日づけ：＿＿＿＿＿＿

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

(2) $0.9x + 1.5 = 0.7x + 2.9$

(3) $0.1x - 1.4 = 0.8x - 2.8$

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

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

(6) $x : 12 = 11 : 6$

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

(8) $(x + 7)/2 = (x + 1)/4$

(9) $(x + 7)/4 = (x + 1)/2$

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

(11) $x : 12 = 7 : 3$

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

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

(14) $x/4 - 5 = x/6 - 3$

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

(16) $x : 8 = 3 : 2$

(17) $0.6x - 1.3 = 0.4x - 2.9$

(18) $0.7x - 2.8 = 0.9x - 0.8$

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

(20) $0.7x + 1.8 = 0.5x + 2.2$

一次方程式 分数・小数・比例式（20問）　版M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) $x/2 + 2 = x/6 - 6$
$x = -24$

(2) $0.9x + 1.5 = 0.7x + 2.9$
$x = 7$

(3) $0.1x - 1.4 = 0.8x - 2.8$
$x = 2$

(4) $x : 10 = 2 : 5$
$x = 4$

(5) $x/4 + 3 = x/3 + 3$
$x = 0$

(6) $x : 12 = 11 : 6$
$x = 22$

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

(8) $(x + 7)/2 = (x + 1)/4$
$x = -13$

(9) $(x + 7)/4 = (x + 1)/2$
$x = 5$

(10) $x/5 + 1 = x/2 - 2$
$x = 10$

(11) $x : 12 = 7 : 3$
$x = 28$

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

(13) $(x - 6)/5 = (x + 5)/3$
$x = -43/2$

(14) $x/4 - 5 = x/6 - 3$
$x = 24$

(15) $x/5 - 4 = x/2 + 4$
$x = -80/3$

(16) $x : 8 = 3 : 2$
$x = 12$

(17) $0.6x - 1.3 = 0.4x - 2.9$
$x = -8$

(18) $0.7x - 2.8 = 0.9x - 0.8$
$x = -10$

(19) $x/3 - 1 = x/4 - 1$
$x = 0$

(20) $0.7x + 1.8 = 0.5x + 2.2$
$x = 2$