一次方程式 分数・小数・比例式（20問）　版J

なまえ：＿＿＿＿＿＿＿＿＿＿　　日づけ：＿＿＿＿＿＿

(1) x : 12 = 7 : 3

(2) (x + 1)/4 = (x − 4)/2

(3) x/5 − 1 = x/2 + 2

(4) 0.6x + 1 = 0.4x + 2.8

(5) x : 4 = 1 : 2

(6) x/6 − 4 = x/3 + 6

(7) (x + 5)/2 = (x − 2)/5

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

(9) 0.5x − 1.6 = 0.6x − 1

(10) x/2 − 2 = x/3 − 4

(11) 0.3x − 1.5 = 0.7x + 1.3

(12) (x + 4)/2 = (x − 2)/3

(13) (x + 6)/4 = (x + 1)/3

(14) x/5 − 5 = x/2 + 5

(15) x : 12 = 4 : 3

(16) x/6 + 2 = x/4 + 5

(17) 0.9x − 1.9 = 0.7x − 0.5

(18) 0.4x − 1.4 = 0.2x − 3.2

(19) x : 8 = 11 : 2

(20) (x + 4)/3 = (x − 2)/2

一次方程式 分数・小数・比例式（20問）　版J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 : 12 = 7 : 3
x = 28

(2) (x + 1)/4 = (x − 4)/2
x = 9

(3) x/5 − 1 = x/2 + 2
x = −10

(4) 0.6x + 1 = 0.4x + 2.8
x = 9

(5) x : 4 = 1 : 2
x = 2

(6) x/6 − 4 = x/3 + 6
x = −60

(7) (x + 5)/2 = (x − 2)/5
x = −29/3

(8) x/4 + 2 = x/5 + 1
x = −20

(9) 0.5x − 1.6 = 0.6x − 1
x = −6

(10) x/2 − 2 = x/3 − 4
x = −12

(11) 0.3x − 1.5 = 0.7x + 1.3
x = −7

(12) (x + 4)/2 = (x − 2)/3
x = −16

(13) (x + 6)/4 = (x + 1)/3
x = 14

(14) x/5 − 5 = x/2 + 5
x = −100/3

(15) x : 12 = 4 : 3
x = 16

(16) x/6 + 2 = x/4 + 5
x = −36

(17) 0.9x − 1.9 = 0.7x − 0.5
x = 7

(18) 0.4x − 1.4 = 0.2x − 3.2
x = −9

(19) x : 8 = 11 : 2
x = 44

(20) (x + 4)/3 = (x − 2)/2
x = 14