一次方程式 分数・小数・比例式（20問）　版E

なまえ：＿＿＿＿＿＿＿＿＿＿　　日づけ：＿＿＿＿＿＿

(1) x : 8 = 9 : 2

(2) x : 8 = 5 : 4

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

(4) 0.1x + 0.5 = 0.8x + 2.6

(5) x/2 + 4 = x/6 − 3

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

(7) 0.4x + 2.6 = 0.8x + 1

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

(9) 0.4x + 1.3 = 0.7x + 0.1

(10) (x + 4)/4 = (x − 3)/5

(11) x : 8 = 1 : 4

(12) 0.7x − 2 = 0.3x − 6

(13) (x − 1)/3 = (x + 4)/2

(14) 0.3x + 1.9 = 0.9x − 2.9

(15) x/4 − 5 = x/3 − 6

(16) x/2 − 1 = x/6 + 3

(17) x/3 − 4 = x/6 − 4

(18) x/3 + 1 = x/2 + 4

(19) x : 10 = 7 : 2

(20) (x + 3)/4 = (x + 6)/2

一次方程式 分数・小数・比例式（20問）　版E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 : 8 = 9 : 2
x = 36

(2) x : 8 = 5 : 4
x = 10

(3) (x + 1)/2 = (x + 4)/3
x = 5

(4) 0.1x + 0.5 = 0.8x + 2.6
x = −3

(5) x/2 + 4 = x/6 − 3
x = −21

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

(7) 0.4x + 2.6 = 0.8x + 1
x = 4

(8) (x + 5)/4 = (x + 5)/3
x = −5

(9) 0.4x + 1.3 = 0.7x + 0.1
x = 4

(10) (x + 4)/4 = (x − 3)/5
x = −32

(11) x : 8 = 1 : 4
x = 2

(12) 0.7x − 2 = 0.3x − 6
x = −10

(13) (x − 1)/3 = (x + 4)/2
x = −14

(14) 0.3x + 1.9 = 0.9x − 2.9
x = 8

(15) x/4 − 5 = x/3 − 6
x = 12

(16) x/2 − 1 = x/6 + 3
x = 12

(17) x/3 − 4 = x/6 − 4
x = 0

(18) x/3 + 1 = x/2 + 4
x = −18

(19) x : 10 = 7 : 2
x = 35

(20) (x + 3)/4 = (x + 6)/2
x = −9