一次方程式 分数・小数・比例式（20問）　版B

なまえ：＿＿＿＿＿＿＿＿＿＿　　日づけ：＿＿＿＿＿＿

(1) 0.9x + 1.8 = 0.7x + 4

(2) 0.3x + 0.1 = 0.6x − 2.6

(3) 0.7x − 0.4 = 0.8x − 1.2

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

(5) (x − 3)/3 = (x − 7)/2

(6) x : 12 = 10 : 3

(7) (x + 1)/5 = (x + 1)/4

(8) (x + 1)/2 = (x − 7)/3

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

(10) x/2 − 1 = x/5 + 1

(11) (x + 7)/4 = (x − 2)/2

(12) x/2 − 4 = x/6 − 2

(13) x/5 + 3 = x/2 + 5

(14) 0.7x + 0.4 = 0.2x − 0.1

(15) (x − 3)/4 = (x − 6)/2

(16) x : 10 = 1 : 2

(17) x : 12 = 1 : 3

(18) 0.5x − 2.9 = 0.4x − 2.8

(19) x/2 + 3 = x/4 − 4

(20) x : 6 = 4 : 3

一次方程式 分数・小数・比例式（20問）　版B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) 0.9x + 1.8 = 0.7x + 4
x = 11

(2) 0.3x + 0.1 = 0.6x − 2.6
x = 9

(3) 0.7x − 0.4 = 0.8x − 1.2
x = 8

(4) x/2 + 5 = x/3 + 5
x = 0

(5) (x − 3)/3 = (x − 7)/2
x = 15

(6) x : 12 = 10 : 3
x = 40

(7) (x + 1)/5 = (x + 1)/4
x = −1

(8) (x + 1)/2 = (x − 7)/3
x = −17

(9) x/4 + 3 = x/6 + 2
x = −12

(10) x/2 − 1 = x/5 + 1
x = 20/3

(11) (x + 7)/4 = (x − 2)/2
x = 11

(12) x/2 − 4 = x/6 − 2
x = 6

(13) x/5 + 3 = x/2 + 5
x = −20/3

(14) 0.7x + 0.4 = 0.2x − 0.1
x = −1

(15) (x − 3)/4 = (x − 6)/2
x = 9

(16) x : 10 = 1 : 2
x = 5

(17) x : 12 = 1 : 3
x = 4

(18) 0.5x − 2.9 = 0.4x − 2.8
x = 1

(19) x/2 + 3 = x/4 − 4
x = −28

(20) x : 6 = 4 : 3
x = 8

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