一次方程式 分数・小数・比例式（20問）　版Q

なまえ：＿＿＿＿＿＿＿＿＿＿＿＿　　日づけ：＿＿＿＿＿＿

(1) x : 8 = 5 : 4

(2) 0.5x + 1.1 = 0.4x + 1.9

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

(4) x/4 + 6 = x/2 + 1

(5) x : 12 = 7 : 6

(6) (x − 6)/3 = (x + 1)/5

(7) x/3 − 6 = x/2 − 3

(8) 0.3x + 1.3 = 0.1x − 0.7

(9) x : 8 = 7 : 2

(10) x/5 + 1 = x/3 + 5

(11) 0.2x + 1.4 = 0.6x − 3

(12) (x − 5)/3 = (x − 7)/2

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

(14) 0.6x − 1.4 = 0.8x − 2.8

(15) (x − 4)/5 = (x − 7)/2

(16) 0.1x − 2.1 = 0.2x − 2.8

(17) (x − 6)/4 = (x + 1)/2

(18) x/2 + 2 = x/5 − 4

(19) x : 6 = 10 : 3

(20) x/3 + 6 = x/4 + 5

一次方程式 分数・小数・比例式（20問）　版Q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 = 5 : 4
x = 10

(2) 0.5x + 1.1 = 0.4x + 1.9
x = 8

(3) (x + 3)/4 = (x + 5)/2
x = −7

(4) x/4 + 6 = x/2 + 1
x = 20

(5) x : 12 = 7 : 6
x = 14

(6) (x − 6)/3 = (x + 1)/5
x = 33/2

(7) x/3 − 6 = x/2 − 3
x = −18

(8) 0.3x + 1.3 = 0.1x − 0.7
x = −10

(9) x : 8 = 7 : 2
x = 28

(10) x/5 + 1 = x/3 + 5
x = −30

(11) 0.2x + 1.4 = 0.6x − 3
x = 11

(12) (x − 5)/3 = (x − 7)/2
x = 11

(13) x/5 + 3 = x/3 + 5
x = −15

(14) 0.6x − 1.4 = 0.8x − 2.8
x = 7

(15) (x − 4)/5 = (x − 7)/2
x = 9

(16) 0.1x − 2.1 = 0.2x − 2.8
x = 7

(17) (x − 6)/4 = (x + 1)/2
x = −8

(18) x/2 + 2 = x/5 − 4
x = −20

(19) x : 6 = 10 : 3
x = 20

(20) x/3 + 6 = x/4 + 5
x = −12

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