一次方程式 分数・小数・比例式（20問）　版G

なまえ：＿＿＿＿＿＿＿＿＿＿　　日づけ：＿＿＿＿＿＿

(1) x : 9 = 5 : 3

(2) x : 10 = 12 : 5

(3) x : 10 = 3 : 5

(4) x/2 + 2 = x/5 − 3

(5) x/3 − 2 = x/6 + 3

(6) 0.4x + 3 = 0.2x + 4.8

(7) (x + 4)/2 = (x + 4)/4

(8) x/2 + 5 = x/5 − 6

(9) 0.5x + 1.2 = 0.4x + 0.9

(10) x/3 + 5 = x/5 + 6

(11) 0.5x − 0.3 = 0.8x − 3

(12) (x + 2)/4 = (x − 5)/3

(13) (x − 2)/2 = (x + 5)/3

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

(15) x/2 + 1 = x/3 − 4

(16) (x + 2)/3 = (x − 5)/2

(17) x/2 − 3 = x/4 + 5

(18) 0.2x − 1.3 = 0.6x − 3.3

(19) 0.3x + 2 = 0.1x + 3.6

(20) x : 6 = 9 : 2

一次方程式 分数・小数・比例式（20問）　版G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 : 9 = 5 : 3
x = 15

(2) x : 10 = 12 : 5
x = 24

(3) x : 10 = 3 : 5
x = 6

(4) x/2 + 2 = x/5 − 3
x = −50/3

(5) x/3 − 2 = x/6 + 3
x = 30

(6) 0.4x + 3 = 0.2x + 4.8
x = 9

(7) (x + 4)/2 = (x + 4)/4
x = −4

(8) x/2 + 5 = x/5 − 6
x = −110/3

(9) 0.5x + 1.2 = 0.4x + 0.9
x = −3

(10) x/3 + 5 = x/5 + 6
x = 15/2

(11) 0.5x − 0.3 = 0.8x − 3
x = 9

(12) (x + 2)/4 = (x − 5)/3
x = 26

(13) (x − 2)/2 = (x + 5)/3
x = 16

(14) (x + 4)/2 = (x + 4)/5
x = −4

(15) x/2 + 1 = x/3 − 4
x = −30

(16) (x + 2)/3 = (x − 5)/2
x = 19

(17) x/2 − 3 = x/4 + 5
x = 32

(18) 0.2x − 1.3 = 0.6x − 3.3
x = 5

(19) 0.3x + 2 = 0.1x + 3.6
x = 8

(20) x : 6 = 9 : 2
x = 27

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