一次方程式 分数・小数・比例式（20問）　版O

なまえ：＿＿＿＿＿＿＿＿＿＿　　日づけ：＿＿＿＿＿＿

(1) x : 4 = 9 : 2

(2) 0.2x − 0.9 = 0.1x − 0.5

(3) 0.8x − 2.8 = 0.4x − 4

(4) x/2 + 4 = x/6 − 3

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

(6) x : 12 = 3 : 2

(7) x/2 + 5 = x/4 − 1

(8) x : 8 = 5 : 2

(9) 0.9x + 2.5 = 0.4x + 1

(10) (x − 4)/3 = (x + 2)/4

(11) (x − 5)/5 = (x − 6)/4

(12) 0.4x + 2 = 0.5x + 2.3

(13) (x − 5)/4 = (x + 7)/2

(14) (x − 7)/3 = (x + 2)/2

(15) x/2 + 3 = x/6 − 3

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

(17) x/5 − 6 = x/3 − 2

(18) x : 10 = 11 : 2

(19) 0.1x − 0.7 = 0.2x − 1.5

(20) x/2 + 5 = x/6 + 3

一次方程式 分数・小数・比例式（20問）　版O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 : 4 = 9 : 2
x = 18

(2) 0.2x − 0.9 = 0.1x − 0.5
x = 4

(3) 0.8x − 2.8 = 0.4x − 4
x = −3

(4) x/2 + 4 = x/6 − 3
x = −21

(5) x/3 + 6 = x/4 + 3
x = −36

(6) x : 12 = 3 : 2
x = 18

(7) x/2 + 5 = x/4 − 1
x = −24

(8) x : 8 = 5 : 2
x = 20

(9) 0.9x + 2.5 = 0.4x + 1
x = −3

(10) (x − 4)/3 = (x + 2)/4
x = 22

(11) (x − 5)/5 = (x − 6)/4
x = 10

(12) 0.4x + 2 = 0.5x + 2.3
x = −3

(13) (x − 5)/4 = (x + 7)/2
x = −19

(14) (x − 7)/3 = (x + 2)/2
x = −20

(15) x/2 + 3 = x/6 − 3
x = −18

(16) (x + 2)/3 = (x + 2)/5
x = −2

(17) x/5 − 6 = x/3 − 2
x = −30

(18) x : 10 = 11 : 2
x = 55

(19) 0.1x − 0.7 = 0.2x − 1.5
x = 8

(20) x/2 + 5 = x/6 + 3
x = −6

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