

## 1. 1次方程式・移項（係数は整数）

### レベル 1

(1)  $-5x = -1$

(2)  $7x = 2$

(3)  $-8x = 9$

(4)  $-x = -19$

(5)  $2x = 18$

(6)  $-3x = -15$

### レベル 2

(7)  $5x + 2 = 10$

(8)  $7x + 9 = 17$

(9)  $-5x + 5 = 7$

(10)  $-8x - 1 = 9$

(11)  $6x + 10 = 11$

(12)  $-2x - 5 = 4$

### レベル 3

(13)  $-5x - 2 = -7x + 8$

(14)  $-10x + 1 = -x + 6$

(15)  $-9x + 8 = -8x + 12$

(16)  $6x + 9 = -3x + 9$

(17)  $2x + 5 = 8x + 5$

(18)  $13x - 9 = 9x - 5$

(19)  $-11x - 8 = -4x + 1$

(20)  $-9x + 6 = -x + 14$

(21)  $5x - 5 = 7x - 3$

(22)  $-3x + 9 = x + 13$

(23)  $-4x - 7 = 4x - 7$

(24)  $3x - 6 = -6x + 3$

## 2. 1次方程式・移項（係数は整数）

### レベル 1

(1)  $7x = -16$

(2)  $-8x = -12$

(3)  $-6x = 13$

(4)  $3x = 18$

(5)  $-9x = 20$

(6)  $8x = -11$

### レベル 2

(7)  $8x + 3 = 8$

(8)  $-3x - 4 = 1$

(9)  $3x - 7 = 3$

(10)  $6x + 2 = 11$

(11)  $-4x - 10 = -7$

(12)  $-9x + 9 = 16$

### レベル 3

(13)  $4x + 1 = 9x + 7$

(14)  $-14x + 2 = -8x + 10$

(15)  $-11x + 3 = -3x + 6$

(16)  $2x + 7 = -2x + 12$

(17)  $8x - 6 = 4x - 5$

(18)  $14x + 10 = 5x + 15$

(19)  $-4x + 1 = -6x + 3$

(20)  $-11x + 9 = -7x + 10$

(21)  $-13x + 5 = -8x + 11$

(22)  $5x + 2 = x + 2$

(23)  $-2x + 7 = 2x + 14$

(24)  $11x + 3 = 3x + 8$

### 3. 1次方程式・移項（係数は整数）

#### レベル 1

(1)  $4x = -10$

(2)  $7x = -16$

(3)  $2x = -13$

(4)  $-3x = 19$

(5)  $-4x = -11$

(6)  $9x = -2$

#### レベル 2

(7)  $7x - 4 = 4$

(8)  $8x - 6 = 3$

(9)  $-2x + 2 = 9$

(10)  $4x - 8 = -6$

(11)  $-x + 7 = 16$

(12)  $9x - 7 = -4$

#### レベル 3

(13)  $x + 9 = 7x + 17$

(14)  $-9x + 5 = -5x + 9$

(15)  $-x - 7 = -7x - 7$

(16)  $-2x - 10 = -9x - 6$

(17)  $6x + 1 = x + 11$

(18)  $14x + 6 = 8x + 7$

(19)  $8x + 3 = 4x + 4$

(20)  $11x - 4 = 5x - 3$

(21)  $13x - 6 = 9x - 5$

(22)  $-4x + 10 = -6x + 15$

(23)  $7x - 2 = 8x + 5$

(24)  $x - 9 = -x - 8$

#### 4. 1次方程式・移項（係数は整数）

##### レベル 1

(1)  $-9x = -1$

(2)  $7x = -8$

(3)  $5x = 13$

(4)  $-8x = 14$

(5)  $6x = -12$

(6)  $-7x = -13$

##### レベル 2

(7)  $2x - 3 = 6$

(8)  $5x + 10 = 19$

(9)  $4x - 9 = -5$

(10)  $-2x + 2 = 10$

(11)  $-x - 7 = -1$

(12)  $-5x - 10 = -3$

##### レベル 3

(13)  $-9x + 2 = -8x + 3$

(14)  $-11x + 9 = -4x + 13$

(15)  $17x + 7 = 9x + 15$

(16)  $5x + 10 = x + 18$

(17)  $-14x + 8 = -6x + 8$

(18)  $-5x - 8 = 4x - 5$

(19)  $10x + 4 = 6x + 9$

(20)  $3x + 6 = 9x + 16$

(21)  $7x - 2 = 2x + 6$

(22)  $-12x + 5 = -7x + 12$

(23)  $-4x + 2 = -x + 3$

(24)  $5x + 9 = x + 9$

**5. 1次方程式・移項（係数は整数）****レベル 1**

(1)  $4x = 17$

(2)  $-2x = 18$

(3)  $-3x = -4$

(4)  $-5x = -8$

(5)  $-8x = 9$

(6)  $-4x = 12$

**レベル 2**

(7)  $-7x - 1 = 8$

(8)  $-3x + 4 = 7$

(9)  $8x + 1 = 1$

(10)  $3x - 7 = 3$

(11)  $-x + 9 = 19$

(12)  $-8x - 9 = -1$

**レベル 3**

(13)  $-14x - 7 = -8x + 2$

(14)  $x - 10 = 9x - 10$

(15)  $-6x - 4 = -5x - 3$

(16)  $-8x + 10 = -x + 20$

(17)  $2x + 9 = 3x + 18$

(18)  $4x + 3 = 2x + 13$

(19)  $12x - 6 = 7x - 1$

(20)  $-13x + 8 = -5x + 14$

(21)  $10x - 10 = x - 10$

(22)  $x + 1 = 4x + 1$

(23)  $-2x - 5 = 3x + 3$

(24)  $2x + 3 = 6x + 4$

**6. 1次方程式・移項（係数は整数）****レベル 1**

(1)  $2x = -6$

(2)  $4x = 4$

(3)  $-6x = -18$

(4)  $-8x = 14$

(5)  $5x = 8$

(6)  $7x = -3$

**レベル 2**

(7)  $4x + 3 = 4$

(8)  $-4x + 5 = 8$

(9)  $5x - 8 = 2$

(10)  $8x + 1 = 7$

(11)  $9x + 4 = 6$

(12)  $-8x + 2 = 11$

**レベル 3**

(13)  $8x + 4 = 5x + 12$

(14)  $-11x + 9 = -3x + 9$

(15)  $-15x + 8 = -7x + 13$

(16)  $-4x - 2 = 4x - 1$

(17)  $-17x + 10 = -9x + 16$

(18)  $13x + 4 = 8x + 5$

(19)  $-9x + 2 = -6x + 3$

(20)  $-3x - 8 = x - 6$

(21)  $-5x + 8 = 3x + 14$

(22)  $-8x - 2 = -2x + 1$

(23)  $-11x + 1 = -8x + 6$

(24)  $3x - 4 = -x + 5$

## 7. 1次方程式・移項（係数は整数）

### レベル 1

(1)  $4x = -7$

(2)  $6x = -17$

(3)  $-7x = -18$

(4)  $9x = 9$

(5)  $5x = 17$

(6)  $-5x = -19$

### レベル 2

(7)  $4x - 7 = 1$

(8)  $-9x + 5 = 9$

(9)  $8x + 10 = 17$

(10)  $-6x - 2 = -2$

(11)  $-2x + 2 = 2$

(12)  $-7x + 9 = 13$

### レベル 3

(13)  $4x - 6 = 6x - 5$

(14)  $-2x + 9 = -9x + 12$

(15)  $7x + 5 = 3x + 10$

(16)  $-11x - 3 = -6x + 4$

(17)  $-9x + 7 = -4x + 11$

(18)  $-6x + 4 = -8x + 14$

(19)  $2x - 8 = -7x - 2$

(20)  $4x - 7 = -x - 7$

(21)  $-5x - 2 = x + 8$

(22)  $-13x + 6 = -9x + 9$

(23)  $-2x - 3 = -4x + 1$

(24)  $x - 9 = 7x - 2$

**8. 1次方程式・移項（係数は整数）****レベル 1**

(1)  $6x = -1$

(2)  $-3x = -8$

(3)  $-x = 4$

(4)  $-9x = -14$

(5)  $5x = 15$

(6)  $4x = 14$

**レベル 2**

(7)  $-x + 7 = 11$

(8)  $3x + 10 = 17$

(9)  $-3x - 8 = -1$

(10)  $-5x + 6 = 14$

(11)  $-9x - 7 = -5$

(12)  $-2x - 9 = -7$

**レベル 3**

(13)  $6x - 4 = 4x - 1$

(14)  $2x - 2 = -2x + 2$

(15)  $7x + 1 = 2x + 8$

(16)  $-3x + 4 = -8x + 5$

(17)  $x + 6 = 3x + 9$

(18)  $-2x - 7 = 5x - 1$

(19)  $10x - 9 = 7x - 6$

(20)  $-5x + 8 = -x + 10$

(21)  $-4x + 7 = -7x + 13$

(22)  $3x + 3 = 9x + 9$

(23)  $-10x + 5 = -9x + 12$

(24)  $11x - 3 = 6x + 7$

**9. 1次方程式・移項（係数は整数）****レベル 1**

(1)  $7x = 11$

(2)  $-x = -9$

(3)  $8x = -13$

(4)  $-4x = 7$

(5)  $5x = -8$

(6)  $4x = 2$

**レベル 2**

(7)  $8x + 9 = 17$

(8)  $-8x - 6 = 1$

(9)  $-3x + 7 = 14$

(10)  $-4x - 7 = 3$

(11)  $4x - 8 = -2$

(12)  $-x + 3 = 12$

**レベル 3**

(13)  $-x - 9 = -8x - 2$

(14)  $-11x - 7 = -7x - 1$

(15)  $-3x + 9 = -2x + 10$

(16)  $-2x + 5 = 3x + 14$

(17)  $-8x + 2 = -4x + 11$

(18)  $-7x - 9 = -9x - 8$

(19)  $-6x - 7 = 2x - 2$

(20)  $-4x + 6 = x + 12$

(21)  $x - 2 = -x + 6$

(22)  $-x - 1 = -4x + 5$

(23)  $-2x + 7 = -9x + 14$

(24)  $4x - 7 = -3x + 2$

## 10. 1次方程式・移項（係数は整数）

### レベル 1

(1)  $2x = -4$

(2)  $7x = 6$

(3)  $-5x = 20$

(4)  $9x = -14$

(5)  $-8x = 19$

(6)  $-3x = -10$

### レベル 2

(7)  $-7x - 3 = 4$

(8)  $9x + 5 = 7$

(9)  $2x - 5 = -4$

(10)  $6x + 10 = 13$

(11)  $-3x - 10 = -1$

(12)  $8x + 1 = 9$

### レベル 3

(13)  $-7x - 10 = x - 5$

(14)  $-11x + 10 = -7x + 18$

(15)  $2x - 3 = -4x + 7$

(16)  $-10x + 2 = -2x + 4$

(17)  $-14x + 7 = -8x + 17$

(18)  $9x + 6 = 3x + 11$

(19)  $-4x - 4 = -x + 5$

(20)  $3x - 7 = x - 2$

(21)  $-16x - 8 = -9x - 6$

(22)  $7x + 4 = 2x + 7$

(23)  $11x + 10 = 4x + 10$

(24)  $-5x + 1 = -7x + 1$

## 11. 1次方程式・移項（係数は整数）

### レベル 1

(1)  $3x = 7$

(2)  $4x = 9$

(3)  $-2x = 14$

(4)  $9x = -9$

(5)  $2x = 11$

(6)  $5x = -1$

### レベル 2

(7)  $-7x + 6 = 16$

(8)  $-6x + 5 = 15$

(9)  $9x - 7 = 3$

(10)  $-2x - 4 = 5$

(11)  $5x - 8 = -6$

(12)  $-x - 6 = 4$

### レベル 3

(13)  $3x + 5 = 5x + 8$

(14)  $5x + 7 = 7x + 12$

(15)  $-8x - 5 = -x - 3$

(16)  $-9x - 1 = -8x + 5$

(17)  $-3x - 3 = 3x + 6$

(18)  $-7x - 10 = -4x - 4$

(19)  $-5x + 4 = -3x + 8$

(20)  $8x + 10 = x + 17$

(21)  $6x + 7 = 2x + 12$

(22)  $-9x + 2 = -7x + 10$

(23)  $-14x - 2 = -8x + 1$

(24)  $x - 6 = 4x - 6$

## 12. 1次方程式・移項（係数は整数）

### レベル 1

(1)  $6x = -16$

(2)  $4x = -10$

(3)  $3x = 8$

(4)  $2x = -18$

(5)  $-6x = 18$

(6)  $-5x = -11$

### レベル 2

(7)  $4x + 10 = 14$

(8)  $-7x - 5 = 2$

(9)  $-9x + 1 = 1$

(10)  $-6x - 7 = -3$

(11)  $5x + 8 = 11$

(12)  $3x + 4 = 6$

### レベル 3

(13)  $-5x + 3 = -x + 7$

(14)  $8x + 9 = x + 11$

(15)  $-x + 6 = -7x + 6$

(16)  $5x - 1 = 3x + 2$

(17)  $-12x + 4 = -4x + 8$

(18)  $9x - 5 = 2x + 4$

(19)  $6x - 9 = 8x - 4$

(20)  $10x - 4 = 5x - 3$

(21)  $-x - 7 = -6x - 7$

(22)  $-3x + 5 = -x + 11$

(23)  $4x - 6 = -3x + 1$

(24)  $-8x + 1 = -4x + 4$

### 13. 1次方程式・移項（係数は整数）

#### レベル 1

(1)  $7x = 10$

(2)  $8x = 9$

(3)  $-2x = -8$

(4)  $3x = 14$

(5)  $-6x = -15$

(6)  $6x = -19$

#### レベル 2

(7)  $4x + 9 = 13$

(8)  $-2x - 3 = -2$

(9)  $-5x - 5 = 1$

(10)  $-x + 8 = 15$

(11)  $-9x + 10 = 20$

(12)  $-4x + 4 = 4$

#### レベル 3

(13)  $-9x + 2 = -7x + 10$

(14)  $10x + 7 = 6x + 9$

(15)  $5x + 4 = -2x + 11$

(16)  $-6x + 5 = 2x + 7$

(17)  $-x - 8 = 8x - 8$

(18)  $-11x + 2 = -6x + 2$

(19)  $11x - 3 = 5x + 1$

(20)  $6x + 10 = x + 19$

(21)  $-10x - 6 = -4x - 2$

(22)  $-2x - 7 = 3x - 7$

(23)  $10x + 5 = 8x + 13$

(24)  $2x + 8 = -x + 18$

**14. 1次方程式・移項（係数は整数）****レベル 1**

(1)  $-5x = 9$

(2)  $4x = -18$

(3)  $-8x = -1$

(4)  $-2x = 4$

(5)  $2x = -4$

(6)  $8x = 12$

**レベル 2**

(7)  $6x - 10 = -7$

(8)  $3x + 6 = 13$

(9)  $4x + 1 = 2$

(10)  $2x + 8 = 8$

(11)  $9x - 4 = 4$

(12)  $-x - 3 = -1$

**レベル 3**

(13)  $x - 1 = -8x + 7$

(14)  $9x + 9 = 4x + 19$

(15)  $7x + 1 = 2x + 9$

(16)  $12x + 6 = 9x + 11$

(17)  $10x + 7 = x + 8$

(18)  $8x - 7 = -x + 3$

(19)  $2x + 2 = 4x + 6$

(20)  $6x - 6 = 8x - 3$

(21)  $-3x + 10 = -5x + 15$

(22)  $-4x - 5 = 3x + 2$

(23)  $-11x - 7 = -6x - 5$

(24)  $-16x - 4 = -8x - 4$

## 15. 1次方程式・移項（係数は整数）

### レベル 1

(1)  $-4x = -15$

(2)  $-5x = 5$

(3)  $-8x = -3$

(4)  $3x = -16$

(5)  $-2x = 17$

(6)  $4x = 11$

### レベル 2

(7)  $3x + 6 = 10$

(8)  $-3x + 7 = 13$

(9)  $-6x - 8 = 2$

(10)  $-7x - 6 = 3$

(11)  $9x - 4 = -1$

(12)  $7x - 9 = -6$

### レベル 3

(13)  $14x - 8 = 8x - 6$

(14)  $18x + 2 = 9x + 10$

(15)  $13x - 6 = 6x - 1$

(16)  $3x - 1 = 7x + 5$

(17)  $-6x - 7 = 3x - 2$

(18)  $-12x + 7 = -9x + 11$

(19)  $9x - 5 = 4x + 4$

(20)  $-3x + 10 = x + 19$

(21)  $16x + 6 = 7x + 16$

(22)  $-17x + 2 = -8x + 3$

(23)  $11x + 8 = 3x + 14$

(24)  $-8x - 5 = -6x - 3$

**16. 1次方程式・移項（係数は整数）****レベル 1**

(1)  $-x = 13$

(2)  $-6x = 3$

(3)  $3x = 1$

(4)  $7x = -7$

(5)  $2x = -2$

(6)  $6x = 20$

**レベル 2**

(7)  $-3x + 1 = 9$

(8)  $-6x - 3 = 5$

(9)  $-9x + 3 = 4$

(10)  $-2x + 7 = 14$

(11)  $5x - 10 = -2$

(12)  $-4x + 4 = 7$

**レベル 3**

(13)  $3x + 5 = 5x + 6$

(14)  $-7x - 4 = -2x - 2$

(15)  $14x - 8 = 6x - 1$

(16)  $-2x - 10 = x - 5$

(17)  $12x - 7 = 4x - 4$

(18)  $-11x - 3 = -4x + 5$

(19)  $-4x + 8 = -2x + 13$

(20)  $3x + 1 = -6x + 9$

(21)  $-3x - 10 = -7x - 2$

(22)  $-x + 6 = 2x + 10$

(23)  $9x - 3 = 4x + 5$

(24)  $4x + 7 = 5x + 7$

**17. 1次方程式・移項（係数は整数）****レベル 1**

(1)  $5x = 17$

(2)  $-9x = -12$

(3)  $8x = -20$

(4)  $4x = -17$

(5)  $7x = 6$

(6)  $-5x = 4$

**レベル 2**

(7)  $-7x - 7 = -3$

(8)  $-3x + 10 = 13$

(9)  $4x - 9 = -1$

(10)  $3x - 8 = -7$

(11)  $6x + 4 = 7$

(12)  $-8x + 5 = 11$

**レベル 3**

(13)  $-9x - 6 = -x - 1$

(14)  $6x - 5 = -2x - 4$

(15)  $13x + 3 = 7x + 12$

(16)  $15x + 1 = 6x + 10$

(17)  $16x + 7 = 9x + 11$

(18)  $-11x + 8 = -5x + 9$

(19)  $-5x - 7 = -4x - 4$

(20)  $11x + 10 = 2x + 19$

(21)  $2x + 5 = -6x + 5$

(22)  $-3x - 8 = -7x - 7$

(23)  $3x - 10 = -2x - 6$

(24)  $15x + 3 = 9x + 8$

**18. 1次方程式・移項（係数は整数）****レベル 1**

(1)  $-8x = -3$

(2)  $3x = 2$

(3)  $9x = 3$

(4)  $-2x = -8$

(5)  $8x = 12$

(6)  $-7x = -13$

**レベル 2**

(7)  $2x + 7 = 15$

(8)  $-7x - 7 = 2$

(9)  $-6x + 9 = 16$

(10)  $-3x - 6 = -3$

(11)  $6x - 8 = -8$

(12)  $-9x - 9 = -9$

**レベル 3**

(13)  $x + 6 = 8x + 6$

(14)  $-x + 5 = -5x + 7$

(15)  $-12x - 1 = -9x + 1$

(16)  $11x - 5 = 3x - 2$

(17)  $-3x + 8 = 5x + 18$

(18)  $-4x + 2 = -6x + 11$

(19)  $6x + 4 = 2x + 5$

(20)  $-5x + 7 = x + 8$

(21)  $-14x + 6 = -9x + 14$

(22)  $17x - 9 = 8x - 5$

(23)  $12x + 10 = 7x + 13$

(24)  $x + 3 = -3x + 6$