

(1)  $2x + 13 = -7x - 41$

(2)  $2x + 8 = 3x + 19$

(3)  $8x - 10 = -8x - 170$

(4)  $x + 13 = -8x - 59$

(5)  $x - 14 = 7x + 40$

(6)  $6x + 12 = -6x - 48$

(7)  $2x + 3 = 8x + 69$

(8)  $4x + 15 = -x + 60$

(9)  $2x - 10 = 7x + 25$

(10)  $x - 4 = -4x - 34$

解 答

- (1)  $2x + 13 = -7x - 41$   
 $2x + 7x = -41 - 13$   
 $9x = -54$   
 $x = -6$
- (2)  $2x + 8 = 3x + 19$   
 $2x - 3x = 19 - 8$   
 $-x = 11$   
 $x = -11$
- (3)  $8x - 10 = -8x - 170$   
 $8x + 8x = -170 + 10$   
 $16x = -160$   
 $x = -10$
- (4)  $x + 13 = -8x - 59$   
 $x + 8x = -59 - 13$   
 $9x = -72$   
 $x = -8$
- (5)  $x - 14 = 7x + 40$   
 $x - 7x = 40 + 14$   
 $-6x = 54$   
 $x = -9$
- (6)  $6x + 12 = -6x - 48$   
 $6x + 6x = -48 - 12$   
 $12x = -60$   
 $x = -5$
- (7)  $2x + 3 = 8x + 69$   
 $2x - 8x = 69 - 3$   
 $-6x = 66$   
 $x = -11$
- (8)  $4x + 15 = -x + 60$   
 $4x + x = 60 - 15$   
 $5x = 45$   
 $x = 9$
- (9)  $2x - 10 = 7x + 25$   
 $2x - 7x = 25 + 10$   
 $-5x = 35$   
 $x = -7$
- (10)  $x - 4 = -4x - 34$   
 $x + 4x = -34 + 4$   
 $5x = -30$   
 $x = -6$