

Solve the following equations.

1.  $3y - 7y = 28$

2.  $-3n - 5n = 0$

3.  $2a - 11a = -27$

4.  $y - 7 + 4y = 13$

5.  $2x + 5 - 7x = 15$

6.  $0 = p + 18 + 5p$

7.  $20 = 4(x + 3)$

8.  $y + 5 - 4y = -10$

9.  $4w - 3w + 2w = 24$

10.  $32 = 2n - 3n + 5n$

11.  $4x = 3x + 5$

12.  $8r + 1 = 9r$

13.  $7 + b = b + 7$

14.  $4a = 2a + a$

15.  $3s = s - 2$

16.  $5n = 2n + 6$

17.  $8a = 2a + 30$

18.  $y = 24 - 3y$

19.  $12n = 34 - 5n$

20.  $30 = 8 - 2x$

21.  $51a - 56 = 44a$

22.  $39c + 78 = 33c$

23.  $98 - 4b = -11$

24.  $-7a = -12a - 65$

25.  $4n + 5 = 6n + 7$

26.  $89 + x = 2 - 2x$

27.  $71 - 5x = 9x - 13$

28.  $5n + 1 = 5n - 1$

29.  $12x + 3 = 3(4x + 1)$

30.  $2(3x - 6) = 3(x - 1) + 3x$