

## Addition and Subtraction of Polynomials

1.  $3x + 5x = 8x$

2.  $4y + 9y = 13y$

3.  $14z + 12z = 26z$

4.  $7x - 2x = 5x$

5.  $9y - 5y = 4y$

6.  $13z - 7z = 6z$

7.  $9x - 14x = -5x$

8.  $3y - 10y = -7y$

9.  $12z - 20z = -8z$

10.  $-3x - 8x = -11x$

11.  $-5y - 17y = -22y$

12.  $-9z - 18z = -27z$

13.  $-9x + 4x = -5x$

14.  $-8y + 5y = -3y$

15.  $-25z + 17z = -8z$

16.  $9x + 4y = 9x + 4y$

17.  $-5x + 9y = -5x + 9y$

18.  $-12x - 5y = -12x - 5y$

19.  $2x^2 + 6x^2 = 8x^2$

20.  $12x^3 + 5x^3 = 17x^3$

21.  $9x^4 + 15x^4 = 24x^4$

22.  $6xy + 9xy = 15xy$

23.  $9yz + 20yz = 29yz$

24.  $8xz + 11xz = 19xz$

25.  $7x^2 - 9x^2 = -2x^2$

26.  $14x^3 - 9x^3 = 5x^3$

27.  $16x^4 - 12x^4 = 4x^4$

28.  $-8y^2 + 12y^2 = 4y^2$

29.  $-16y^3 + 9y^3 = -7y^3$

30.  $-34z^4 + 21z^4 = -13z^4$

31.  $-9x^2 - 5x^2 = -14x^2$

32.  $-15y^3 - 9y^3 = -24y^3$

33.  $-3z^4 - 23z^4 = -26z^4$

34.  $5ab - 7ab = -2ab$

35.  $9xy - 4xy = 5xy$

36.  $17mn - 12mn = 5mn$

37.  $-9dh + 5dh = -4dh$

38.  $-15kg + 12kg = -3kg$

39.  $-35mn + 26mn = -9mn$

40.  $-9ab - 13ab = -22ab$

41.  $-14cd - 5cd = -19cd$

42.  $-16ef - 9ef = -25ef$

43.  $7x^2 + 11x^3 = 7x^2 + 11x^3$

44.  $-7y^4 + 13y^2 = -7y^4 + 13y^2$

45.  $8x^2y + 9xy^2 = 8x^2y + 9xy^2$

46.  $8x - 5y + 11x + 2y = 19x - 3y$

47.  $4xy + 7z - 9xy + 2z = -5xy + 9z$

48.  $14d + 12c - 8c + 2d = 16d + 4c$

49.  $6x^2 - 3y^4 + 12x^2 + 5y^4 = 18x^2 + 2y^4$

50.  $5x^2 + 6x^3 + 9x^2 - 2x^3 = 14x^2 + 4x^3$

51.  $7mn + 6pq + 9mn - 11pq = 16mn - 5pq$