



1. The value of $(-4s) + (-4s)$ is

- (i) $(-7s)$ (ii) $(-5s)$ (iii) $(-11s)$ (iv) $(-9s)$ (v) $(-8s)$

2. The value of $(-2n) + n + (-6n) + (-7n)$ is

- (i) $(-16n)$ (ii) $(-14n)$ (iii) $(-12n)$ (iv) $(-13n)$ (v) $(-15n)$

3. The value of $2j^2 + (-5j^2) + 6j^2$ is

- (i) $4j^2$ (ii) $5j^2$ (iii) $3j^2$ (iv) 0 (v) $2j^2$

4. The value of $4r^4 + (-8r^4) + 2r^4 + r^4$ is

- (i) $(-r^4)$ (ii) 0 (iii) $2r^4$ (iv) $(-2r^4)$ (v) $(-3r^4)$

5. The value of $(-8d+9) + (4d+7)$ is

- (i) $(-5d+16)$ (ii) $(-d+16)$ (iii) $(-6d+16)$ (iv) $(-4d+16)$ (v) $(-3d+16)$

6. The value of $(2e^2+2e+1) + (-e^2-5e+8)$ is

- (i) $(-3e+9)$ (ii) (e^2-3e+9) (iii) $(4e^2-3e+9)$ (iv) $(-2e^2-3e+9)$ (v) $(2e^2-3e+9)$

7. The value of $(3f^5+3f^3-8f^2) + (3f^4+3f+8)$ is

- (i) $(3f^5+3f^4+3f^3-8f^2+3f+8)$ (ii) $(4f^5+3f^4+3f^3-8f^2+3f+8)$ (iii) $(3f^4+3f^3-8f^2+3f+8)$
(iv) $(2f^5+3f^4+3f^3-8f^2+3f+8)$ (v) $(6f^5+3f^4+3f^3-8f^2+3f+8)$

8. The value of $(7e^5-5e-5) + (-e^2-5e+7) + (-9e^5-5e-6) + (4e^5-7e+3)$ is

- (i) $(-e^2-22e-1)$ (ii) $(e^5-e^2-22e-1)$ (iii) $(4e^5-e^2-22e-1)$ (iv) $(2e^5-e^2-22e-1)$
(v) $(3e^5-e^2-22e-1)$

9. The value of $\frac{4}{5}n + \frac{4}{5}n$ is

- (i) $\frac{6}{5}n$ (ii) $\frac{8}{3}n$ (iii) $2n$ (iv) $\frac{8}{5}n$ (v) $\frac{8}{7}n$

10. The value of $\frac{1}{2}d + \frac{1}{2}d + \frac{1}{2}d + \frac{1}{2}d$ is

- (i) $4d$ (ii) $(-d)$ (iii) $2d$ (iv) d (v) $3d$

11. The value of $\frac{1}{2}x^2 + \frac{1}{2}x^2 + \frac{1}{3}x^2$ is

- (i) $\frac{6}{5}x^2$ (ii) $2x^2$ (iii) $\frac{4}{3}x^2$ (iv) $\frac{2}{3}x^2$

12. The value of $\frac{2}{3}y^4 + \frac{3}{5}y^4 + \frac{1}{2}y^4 + \frac{3}{4}y^4$ is

- (i) $\frac{147}{58}y^4$ (ii) $\frac{51}{20}y^4$ (iii) $\frac{151}{60}y^4$ (iv) $\frac{5}{2}y^4$ (v) $\frac{149}{60}y^4$

13. The value of $9b - (-5b)$ is

- (i) $13b$ (ii) $14b$ (iii) $11b$ (iv) $15b$ (v) $17b$

14. The value of $(-8p^2) - (-9p^2) - (-2p^2)$ is

- (i) $3p^2$ (ii) $4p^2$ (iii) $2p^2$ (iv) p^2 (v) $6p^2$

15. The value of $(-3x^3) - 7x^3$ is

- (i) $(-10x^3)$ (ii) $(-9x^3)$ (iii) $(-11x^3)$ (iv) $(-13x^3)$ (v) $(-8x^3)$

16. The value of $7w^5 - (-3w^5) - (-9w^5)$ is

- (i) $19w^5$ (ii) $17w^5$ (iii) $21w^5$ (iv) $18w^5$ (v) $20w^5$

17. The value of $(8s-1) - (3s-2)$ is

- (i) $(6s+1)$ (ii) $(3s+1)$ (iii) $(5s+1)$ (iv) $(4s+1)$ (v) $(7s+1)$

18. The value of $(w^2 + 8w + 7) - (-9w^2 - 6w + 1)$ is

- (i) $(9w^2 + 14w + 6)$ (ii) $(8w^2 + 14w + 6)$ (iii) $(11w^2 + 14w + 6)$ (iv) $(10w^2 + 14w + 6)$ (v) $(13w^2 + 14w + 6)$

19. The value of $(v^5 - 6v^4 - 4) - (-4v^4 - 4v^3 - 3)$ is

- (i) $(2v^5 - 2v^4 + 4v^3 - 1)$ (ii) $(-2v^5 - 2v^4 + 4v^3 - 1)$ (iii) $(v^5 - 2v^4 + 4v^3 - 1)$ (iv) $(4v^5 - 2v^4 + 4v^3 - 1)$
(v) $(-2v^4 + 4v^3 - 1)$

20. The value of $(7d^3 + 7d^2 - 4) - (-2d^5 - 2d^3 + 8) - (8d^4 - 9d^2 + 6d)$ is

- (i) $(2d^5 - 8d^4 + 9d^3 + 16d^2 - 6d - 12)$ (ii) $(4d^5 - 8d^4 + 9d^3 + 16d^2 - 6d - 12)$
(iii) $(-8d^4 + 9d^3 + 16d^2 - 6d - 12)$ (iv) $(3d^5 - 8d^4 + 9d^3 + 16d^2 - 6d - 12)$
(v) $(d^5 - 8d^4 + 9d^3 + 16d^2 - 6d - 12)$

21. The value of $\frac{1}{2}p - \frac{3}{5}p$ is

- (i) $(-\frac{1}{8}p)$ (ii) $\frac{1}{10}p$ (iii) $(-\frac{1}{12}p)$ (iv) $(-\frac{3}{10}p)$ (v) $(-\frac{1}{10}p)$

22. The value of $\frac{1}{2}g^2 - \frac{1}{4}g^2 - \frac{1}{4}g^2$ is

- (i) (-1) (ii) 1 (iii) (-2) (iv) 0 (v) 3

23. The value of $\frac{1}{2}j^3 - \frac{1}{2}j^3$ is

- (i) (-3) (ii) (-1) (iii) 1 (iv) 2 (v) 0

24. The value of $\frac{1}{5}x^5 - \frac{1}{2}x^5 - \frac{1}{2}x^5$ is

- (i) $(-\frac{4}{3}x^5)$ (ii) $(-\frac{4}{5}x^5)$ (iii) $(-\frac{6}{5}x^5)$ (iv) $(-\frac{2}{5}x^5)$ (v) $(-\frac{4}{7}x^5)$

25. The sum of the terms $5, 3, (-6), b, 2b$ is

- (i) $(3b+2)$ (ii) $3b$ (iii) $(3b+5)$ (iv) $(2b+2)$ (v) $(4b+2)$

26. The sum of the terms $lm, (-7m), 9lm, (-2), (-4m)$ is

- (i) $(10lm-14m-2)$ (ii) $(10lm-11m-2)$ (iii) $(11lm-11m-2)$ (iv) $(9lm-11m-2)$
(v) $(10lm-8m-2)$

27. The sum of the terms $(-o), (-5p), 2, (-2pq), 9oq$ is

- (i) $(9oq-o-2pq-5p+2)$ (ii) $(10oq-o-2pq-5p+2)$ (iii) $(9oq-4o-2pq-5p+2)$
(iv) $(9oq+2o-2pq-5p+2)$ (v) $(8oq-o-2pq-5p+2)$

28. The sum of the expressions $(8c-5), (4c-1), (-c-1), (-2c-5), (-6c+2)$ is

- (i) $(3c-10)$ (ii) $(3c-12)$ (iii) $(4c-10)$ (iv) $(2c-10)$ (v) $(3c-8)$

29. The sum of the expressions $(-6l-8m), (3l-4m), (-5l-8l), (8m+6), (-5l+4m)$ is

- (i) $(-6l-16l+6)$ (ii) $(-5l-14l+6)$ (iii) $(-5l-16l+6)$ (iv) $(-5l-19l+6)$ (v) $(-4l-16l+6)$

30. The sum of the expressions $(2l-11), (13l+1), (-7l+7), (-4l-2), (2l+6)$ is

- (i) $(7l+1)$ (ii) $(6l+1)$ (iii) $(6l-2)$ (iv) $(6l+4)$ (v) $(5l+1)$

31. The sum of the expressions $(3hi-4h+5i), (2h+i+7), (-9hi-h-i), (9hi-2h-6), (hi+h-10i)$ is

- (i) $(4hi-4h-5i+1)$ (ii) $(4hi-2h-5i+1)$ (iii) $(3hi-4h-5i+1)$ (iv) $(4hi-7h-5i+1)$
(v) $(5hi-4h-5i+1)$

32. The value of $4vw + 7vw$ is

- (i) $14vw$ (ii) $9vw$ (iii) $10vw$ (iv) $11vw$ (v) $12vw$

33. The value of $(-4c^2d^2) + (-4c^2d^2) + 6c^2d^2 + 7c^2d^2$ is

- (i) $4c^2d^2$ (ii) $8c^2d^2$ (iii) $5c^2d^2$ (iv) $6c^2d^2$ (v) $2c^2d^2$

34. The value of $(-3uvw) + 2uvw$ is

- (i) $(-3uvw)$ (ii) $(-2uvw)$ (iii) $(-uvw)$ (iv) 0 (v) $2uvw$

35. The value of $4v^3w^3x^3 + 2v^3w^3x^3 + 4v^3w^3x^3 + (-9v^3w^3x^3)$ is

- (i) $2v^3w^3x^3$ (ii) $(-v^3w^3x^3)$ (iii) $3v^3w^3x^3$ (iv) $v^3w^3x^3$ (v) 0

36. The value of $(15tu - 2t + 4) + (7tu - 6t + 4)$ is

- (i) $(22tu - 8t + 8)$ (ii) $(22tu - 5t + 8)$ (iii) $(22tu - 11t + 8)$ (iv) $(21tu - 8t + 8)$ (v) $(23tu - 8t + 8)$

37. The value of $(4c^2d + 7c + 7d^2 - 9d) + (7cd^2 - 3c + 16d + 4)$ is

- (i) $(4c^2d + 5cd^2 + 4c + 7d^2 + 7d + 4)$ (ii) $(4c^2d + 7cd^2 + 4c + 7d^2 + 7d + 4)$
(iii) $(3c^2d + 7cd^2 + 4c + 7d^2 + 7d + 4)$ (iv) $(4c^2d + 9cd^2 + 4c + 7d^2 + 7d + 4)$
(v) $(5c^2d + 7cd^2 + 4c + 7d^2 + 7d + 4)$

38. The value of $(6def + 7de - 7df) + (-6df - 5ef + 6e)$ is

- (i) $(7def + 7de - 13df - 5ef + 6e)$ (ii) $(5def + 7de - 13df - 5ef + 6e)$ (iii) $(6def + 4de - 13df - 5ef + 6e)$
(iv) $(6def + 7de - 13df - 5ef + 6e)$ (v) $(6def + 9de - 13df - 5ef + 6e)$

39. The value of $\frac{1}{3}uv + \frac{3}{4}uv$ is

- (i) $\frac{13}{14}uv$ (ii) $\frac{13}{10}uv$ (iii) $\frac{13}{12}uv$ (iv) $\frac{11}{12}uv$ (v) $\frac{5}{4}uv$

40. The value of $\frac{1}{5}b^2c^2 + \frac{1}{3}b^2c^2 + \frac{3}{4}b^2c^2 + \frac{1}{2}b^2c^2$ is

- (i) $\frac{109}{60}b^2c^2$ (ii) $\frac{105}{58}b^2c^2$ (iii) $\frac{7}{4}b^2c^2$ (iv) $\frac{109}{62}b^2c^2$ (v) $\frac{107}{60}b^2c^2$

41. The value of $\frac{2}{3}wxy + \frac{1}{2}wxy$ is

- (i) $\frac{7}{4}wxy$ (ii) $\frac{7}{8}wxy$ (iii) $\frac{5}{6}wxy$ (iv) $\frac{3}{2}wxy$ (v) $\frac{7}{6}wxy$

42. The value of $8rs - (-6rs)$ is

- (i) $17rs$ (ii) $14rs$ (iii) $12rs$ (iv) $15rs$ (v) $13rs$

43. The value of $4cd - 6cd - 3cd - (-cd)$ is

- (i) $(-7cd)$ (ii) $(-cd)$ (iii) $(-3cd)$ (iv) $(-4cd)$ (v) $(-5cd)$

44. The value of $(-5o^2p^2q^2) - 2o^2p^2q^2$ is

- (i) $(-8o^2p^2q^2)$ (ii) $(-10o^2p^2q^2)$ (iii) $(-6o^2p^2q^2)$ (iv) $(-5o^2p^2q^2)$ (v) $(-7o^2p^2q^2)$

45. The value of $(-5d^2e^2f^2) - 8d^2e^2f^2 - 5d^2e^2f^2 - (-2d^2e^2f^2)$ is

- (i) $(-15d^2e^2f^2)$ (ii) $(-16d^2e^2f^2)$ (iii) $(-14d^2e^2f^2)$ (iv) $(-19d^2e^2f^2)$ (v) $(-17d^2e^2f^2)$

46. The value of $(5e-7f+5) - (-ef-5e+f)$ is

- (i) $(ef+8e-8f+5)$ (ii) $(2ef+10e-8f+5)$ (iii) $(ef+12e-8f+5)$ (iv) $(ef+10e-8f+5)$ (v) $(10e-8f+5)$

47. The value of $(-4oq+9o+6p) - (opq-3oq-8)$ is

- (i) $(-2opq-oq+9o+6p+8)$ (ii) $(-opq-oq+9o+6p+8)$ (iii) $(-opq+2oq+9o+6p+8)$
(iv) $(-opq-3oq+9o+6p+8)$ (v) $(-oq+9o+6p+8)$

48. The value of $\frac{1}{2}pq - \frac{2}{3}pq$ is

- (i) $(-\frac{1}{2}pq)$ (ii) $(-\frac{1}{4}pq)$ (iii) $(-\frac{1}{6}pq)$ (iv) $\frac{1}{6}pq$ (v) $(-\frac{1}{8}pq)$

49. The value of $\frac{1}{3}bc - \frac{3}{4}bc - \frac{2}{3}bc - \frac{1}{2}bc$ is

- (i) $(-\frac{17}{10}bc)$ (ii) $(-\frac{17}{12}bc)$ (iii) $(-\frac{3}{2}bc)$ (iv) $(-\frac{19}{12}bc)$ (v) $(-\frac{7}{4}bc)$

50. The value of $\frac{1}{3}m^2n^2o^2 - \frac{3}{5}m^2n^2o^2$ is

- (i) $(-\frac{2}{5}m^2n^2o^2)$ (ii) $(-\frac{2}{15}m^2n^2o^2)$ (iii) $(-\frac{4}{15}m^2n^2o^2)$ (iv) $(-\frac{4}{13}m^2n^2o^2)$ (v) $(-\frac{4}{17}m^2n^2o^2)$

Assignment Key

1) (v)	2) (ii)	3) (iii)	4) (i)	5) (iv)	6) (ii)
7) (i)	8) (iv)	9) (iv)	10) (iii)	11) (iii)	12) (iii)
13) (ii)	14) (i)	15) (i)	16) (i)	17) (iii)	18) (iv)
19) (iii)	20) (i)	21) (v)	22) (iv)	23) (v)	24) (ii)
25) (i)	26) (ii)	27) (i)	28) (i)	29) (iii)	30) (ii)
31) (i)	32) (iv)	33) (iii)	34) (iii)	35) (iv)	36) (i)
37) (ii)	38) (iv)	39) (iii)	40) (v)	41) (v)	42) (ii)
43) (iv)	44) (v)	45) (ii)	46) (iv)	47) (ii)	48) (iii)
49) (iv)	50) (iii)				