



1. The value of $7n + 4n$ is

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

2. The value of $(-2m) + (-7m) + (-8m) + 6m$ is

- (i) $(-12m)$ (ii) $(-10m)$ (iii) $(-13m)$ (iv) $(-9m)$ (v) $(-11m)$

3. The value of $(-9s^2) + s^2 + (-6s^2)$ is

- (i) $(-13s^2)$ (ii) $(-17s^2)$ (iii) $(-12s^2)$ (iv) $(-15s^2)$ (v) $(-14s^2)$

4. The value of $(-9i+7) + (i+2)$ is

- (i) $(-7i+9)$ (ii) $(-9i+9)$ (iii) $(-8i+9)$ (iv) $(-11i+9)$ (v) $(-6i+9)$

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

- (i) $(r^2 - 7f - 7)$ (ii) $(-r^2 - 7f - 7)$ (iii) $(-3r^2 - 7f - 7)$ (iv) $(-4r^2 - 7f - 7)$ (v) $(-2r^2 - 7f - 7)$

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

- (i) $(-2n^5 - 2n^4 + 2n^3 - 4n^2 + 3n + 7)$ (ii) $(n^5 - 2n^4 + 2n^3 - 4n^2 + 3n + 7)$ (iii) $(-n^5 - 2n^4 + 2n^3 - 4n^2 + 3n + 7)$
(iv) $(-5n^5 - 2n^4 + 2n^3 - 4n^2 + 3n + 7)$ (v) $(-3n^5 - 2n^4 + 2n^3 - 4n^2 + 3n + 7)$

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

- (i) $(14e^5 - 14e^4 - 3e^3 + 6e^2 - 22e - 5)$ (ii) $(13e^5 - 14e^4 - 3e^3 + 6e^2 - 22e - 5)$
(iii) $(9e^5 - 14e^4 - 3e^3 + 6e^2 - 22e - 5)$ (iv) $(12e^5 - 14e^4 - 3e^3 + 6e^2 - 22e - 5)$
(v) $(11e^5 - 14e^4 - 3e^3 + 6e^2 - 22e - 5)$

8. The value of $\frac{2}{5}q + \frac{1}{3}q$ is

- (i) $\frac{3}{5}q$ (ii) $\frac{11}{15}q$ (iii) $\frac{11}{13}q$ (iv) $\frac{11}{17}q$ (v) $\frac{13}{15}q$

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

- (i) $\frac{107}{58}c$ (ii) $\frac{111}{62}c$ (iii) $\frac{37}{20}c$ (iv) $\frac{109}{60}c$ (v) $\frac{107}{60}c$

10. The value of $\frac{2}{3}i^2 + \frac{1}{2}i^2 + \frac{1}{2}i^2$ is

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

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

- (i) $\frac{129}{58}u^4$ (ii) $\frac{131}{60}u^4$ (iii) $\frac{133}{60}u^4$ (iv) $\frac{9}{4}u^4$ (v) $\frac{137}{62}u^4$

12. The value of $5e - 9e$ is

- (i) $(-3e)$ (ii) $(-6e)$ (iii) $(-4e)$ (iv) $(-2e)$ (v) $(-5e)$

13. The value of $(-9z^2) - (-z^2) - (-9z^2)$ is

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

14. The value of $(-7t^3) - t^3$ is

- (i) $(-8t^3)$ (ii) $(-10t^3)$ (iii) $(-6t^3)$ (iv) $(-9t^3)$ (v) $(-7t^3)$

15. The value of $(-2a^5) - (-5a^5) - (-5a^5)$ is

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

16. The value of $(-u-1) - (8u-6)$ is

- (i) $(-10u+5)$ (ii) $(-9u+5)$ (iii) $(-7u+5)$ (iv) $(-12u+5)$ (v) $(-8u+5)$

17. The value of $(9x^2 - 9x - 8) - (-2x^2 - 8x + 7)$ is

- (i) $(13x^2 - x - 15)$ (ii) $(12x^2 - x - 15)$ (iii) $(11x^2 - x - 15)$ (iv) $(9x^2 - x - 15)$ (v) $(10x^2 - x - 15)$

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

- (i) $(11e^5 - 15e^4 - 5e^2 - 8e)$ (ii) $(9e^5 - 15e^4 - 5e^2 - 8e)$ (iii) $(5e^5 - 15e^4 - 5e^2 - 8e)$
(iv) $(8e^5 - 15e^4 - 5e^2 - 8e)$ (v) $(7e^5 - 15e^4 - 5e^2 - 8e)$

19. The value of $(5m^2 - 9m + 6) - (-5m^5 + 7m^4 - 1) - (-9m^3 + 7m^2 + 1)$ is

- (i) $(2m^5 - 7m^4 + 9m^3 - 2m^2 - 9m + 6)$ (ii) $(7m^5 - 7m^4 + 9m^3 - 2m^2 - 9m + 6)$
(iii) $(6m^5 - 7m^4 + 9m^3 - 2m^2 - 9m + 6)$ (iv) $(5m^5 - 7m^4 + 9m^3 - 2m^2 - 9m + 6)$
(v) $(4m^5 - 7m^4 + 9m^3 - 2m^2 - 9m + 6)$

20. The value of $\frac{3}{5}r - \frac{1}{2}r$ is

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

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

- (i) $(-\frac{13}{30}r^2)$ (ii) $(-\frac{13}{28}r^2)$ (iii) $(-\frac{13}{32}r^2)$ (iv) $(-\frac{11}{30}r^2)$ (v) $(-\frac{1}{2}r^2)$

22. The value of $\frac{1}{3}b^3 - \frac{1}{3}b^3$ is

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

23. The value of $\frac{2}{3}q^5 - \frac{4}{5}q^5 - \frac{1}{3}q^5$ is

- (i) $(-\frac{1}{3}q^5)$ (ii) $(-\frac{7}{13}q^5)$ (iii) $(-\frac{7}{17}q^5)$ (iv) $(-\frac{3}{5}q^5)$ (v) $(-\frac{7}{15}q^5)$

24. The sum of the terms $2b, 4b, 9, 6, 2$ is

- (i) $(6b+15)$ (ii) $(7b+17)$ (iii) $(5b+17)$ (iv) $(6b+17)$ (v) $(6b+20)$

25. The sum of the terms $(-9jk), 3, 8j, (-2jk), (-9k)$ is

- (i) $(-12jk+8j-9k+3)$ (ii) $(-11jk+11j-9k+3)$ (iii) $(-11jk+6j-9k+3)$ (iv) $(-10jk+8j-9k+3)$
(v) $(-11jk+8j-9k+3)$

26. The sum of the terms $4op, (-3opq), 8q, 3oq, (-3q)$ is

- (i) $(-3opq+op+3oq+5q)$ (ii) $(-4opq+4op+3oq+5q)$ (iii) $(-2opq+4op+3oq+5q)$
(iv) $(-3opq+4op+3oq+5q)$ (v) $(-3opq+7op+3oq+5q)$

27. The sum of the expressions $(9x+1), (-9x+4), (-9x+9), (-x-5), (-6x+7)$ is

- (i) $(-17x+16)$ (ii) $(-15x+16)$ (iii) $(-16x+13)$ (iv) $(-16x+19)$ (v) $(-16x+16)$

28. The sum of the expressions $(7m+3), (8/m-5), (-9m+7), (2/-9), (9m-3)$ is

- (i) $(9/m+2/+7m-7)$ (ii) $(8/m+7m-7)$ (iii) $(7/m+2/+7m-7)$ (iv) $(8/m+4/+7m-7)$
(v) $(8/m+2/+7m-7)$

29. The sum of the expressions $(-5e+10), (-4e-4), (-8e+6), (-7e+1), (-5e+7)$ is

- (i) $(-29e+18)$ (ii) $(-29e+20)$ (iii) $(-28e+20)$ (iv) $(-29e+22)$ (v) $(-30e+20)$

30. The sum of the expressions $(-9op-3p+3), (-6op-7p-2), (-9op-9o-8p), (-5o+p-8), (-6op+o-3p)$ is

- (i) $(-30op-11o-20p-7)$ (ii) $(-30op-16o-20p-7)$ (iii) $(-31op-13o-20p-7)$
(iv) $(-30op-13o-20p-7)$ (v) $(-29op-13o-20p-7)$

31. The value of $(-2st) + (-7st)$ is

- (i) $(-7st)$ (ii) $(-12st)$ (iii) $(-10st)$ (iv) $(-8st)$ (v) $(-9st)$

32. The value of $(-4q^2r^2) + 8q^2r^2 + 9q^2r^2 + 2q^2r^2$ is

- (i) $17q^2r^2$ (ii) $14q^2r^2$ (iii) $16q^2r^2$ (iv) $15q^2r^2$ (v) $13q^2r^2$

33. The value of $2bcd + 4bcd$ is

- (i) $9bcd$ (ii) $7bcd$ (iii) $5bcd$ (iv) $4bcd$ (v) $6bcd$

34. The value of $(-8t^3u^3v^3) + t^3u^3v^3 + (-3t^3u^3v^3) + 7t^3u^3v^3$ is

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

35. The value of $(3gh+5g-6) + (9g+8h-3)$ is

- (i) $(3gh+14g+8h-9)$ (ii) $(3gh+16g+8h-9)$ (iii) $(3gh+11g+8h-9)$ (iv) $(4gh+14g+8h-9)$
(v) $(2gh+14g+8h-9)$

36. The value of $\frac{1}{2}/m + \frac{1}{2}/m$ is

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

37. The value of $\frac{1}{2}d^2e^2 + \frac{1}{2}d^2e^2 + \frac{3}{5}d^2e^2 + \frac{1}{5}d^2e^2$ is

- (i) $\frac{9}{5}d^2e^2$ (ii) $\frac{11}{7}d^2e^2$ (iii) $\frac{7}{3}d^2e^2$ (iv) $\frac{7}{5}d^2e^2$ (v) $\frac{11}{5}d^2e^2$

38. The value of $\frac{3}{4}fgh + \frac{1}{3}fgh$ is

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

39. The value of $(-2st) - (-2st)$ is

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

40. The value of $4no - (-2no) - (-4no) - (-7no)$ is

- (i) $20no$ (ii) $15no$ (iii) $18no$ (iv) $16no$ (v) $17no$

41. The value of $(-3b^2c^2d^2) - 6b^2c^2d^2$ is

- (i) $(-7b^2c^2d^2)$ (ii) $(-10b^2c^2d^2)$ (iii) $(-11b^2c^2d^2)$ (iv) $(-8b^2c^2d^2)$ (v) $(-9b^2c^2d^2)$

42. The value of $(-7ij-4j-8) - (7ij-9j-9)$ is

- (i) $(-15ij+5j+1)$ (ii) $(-14ij+7j+1)$ (iii) $(-13ij+5j+1)$ (iv) $(-14ij+2j+1)$ (v) $(-14ij+5j+1)$

43. The value of $\frac{1}{3}jk - \frac{2}{3}jk$ is

- (i) $(-\frac{1}{3}jk)$ (ii) $\frac{1}{3}jk$ (iii) $(-jk)$ (iv) $(-\frac{1}{5}jk)$

44. The value of $\frac{1}{2}tu - \frac{4}{5}tu - \frac{1}{2}tu - \frac{2}{3}tu$ is

- (i) $(-\frac{22}{13}tu)$ (ii) $(-\frac{4}{3}tu)$ (iii) $(-\frac{22}{15}tu)$ (iv) $(-\frac{22}{17}tu)$ (v) $(-\frac{8}{5}tu)$

45. The value of $\frac{2}{3}t^2 u^2 v^2 - \frac{1}{2}t^2 u^2 v^2$ is

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

Assignment Key

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