



- The sum of the terms $(-5), 7, 7x, 5x, 8$ is
(i) $(13x+10)$ (ii) $(12x+12)$ (iii) $(12x+8)$ (iv) $(12x+10)$ (v) $(11x+10)$
- The sum of the terms $(-4n), 5m, 7mn, 4mn, (-9m)$ is
(i) $(10mn-4m-4n)$ (ii) $(11mn-2m-4n)$ (iii) $(11mn-6m-4n)$ (iv) $(11mn-4m-4n)$
(v) $(12mn-4m-4n)$
- The sum of the terms $(-7kl), 8m, (-8km), (-4klm), 9lm$ is
(i) $(-5klm-7kl-8km+9lm+8m)$ (ii) $(-4klm-9kl-8km+9lm+8m)$ (iii) $(-4klm-7kl-8km+9lm+8m)$
(iv) $(-4klm-4kl-8km+9lm+8m)$ (v) $(-3klm-7kl-8km+9lm+8m)$
- The sum of the expressions $(o-3), (-o+1), (-8o+2), (4o+1), (5o+6)$ is
(i) $(o+10)$ (ii) $(2o+7)$ (iii) $(o+4)$ (iv) 7 (v) $(o+7)$
- The sum of the expressions $(3p-4), (3pq-13p), (-6pq+5), (-6pq-2), (-6p+6)$ is
(i) $(-9pq-13p+5)$ (ii) $(-8pq-16p+5)$ (iii) $(-9pq-18p+5)$ (iv) $(-9pq-16p+5)$
(v) $(-10pq-16p+5)$
- The sum of the expressions $(4r-23), (2r+5), (-2r+7), (3r-4), (-9r-6)$ is
(i) $(-2r-19)$ (ii) $(-3r-21)$ (iii) $(-2r-21)$ (iv) $(-r-21)$ (v) $(-2r-24)$
- The sum of the expressions $(vw-4w-6), (-11vw+v-3), (-6v-5w-8), (2vw-2w-2), (vw-9v-8w)$ is
(i) $(-7vw-14v-19w-19)$ (ii) $(-6vw-14v-19w-19)$ (iii) $(-7vw-16v-19w-19)$
(iv) $(-8vw-14v-19w-19)$ (v) $(-7vw-12v-19w-19)$
- The value of $3qr + (-qr)$ is
(i) $2qr$ (ii) $(-qr)$ (iii) $3qr$ (iv) $4qr$ (v) qr
- The value of $9g^2h^2 + (-5g^2h^2) + (-3g^2h^2) + (-8g^2h^2)$ is
(i) $(-10g^2h^2)$ (ii) $(-7g^2h^2)$ (iii) $(-8g^2h^2)$ (iv) $(-4g^2h^2)$ (v) $(-6g^2h^2)$
- The value of $5opq + (-4opq)$ is
(i) $(-2opq)$ (ii) opq (iii) $2opq$ (iv) $4opq$ (v) 0
- The value of $8c^3d^3e^3 + (-8c^3d^3e^3) + 2c^3d^3e^3 + c^3d^3e^3$ is
(i) $4c^3d^3e^3$ (ii) $5c^3d^3e^3$ (iii) $3c^3d^3e^3$ (iv) $2c^3d^3e^3$ (v) $c^3d^3e^3$

12. The value of $(7e+4f+8) + (-ef+4e-3)$ is

- (i) $(-ef+9e+4f+5)$ (ii) $(11e+4f+5)$ (iii) $(-ef+14e+4f+5)$ (iv) $(-2ef+11e+4f+5)$
(v) $(-ef+11e+4f+5)$

13. The value of $(2v^2w+12vw^2+3vw+6v) + (-3v^2w^2+2v^2w-9vw-5w)$ is

- (i) $(-2v^2w^2+4v^2w+12vw^2-6vw+6v-5w)$ (ii) $(-3v^2w^2+v^2w+12vw^2-6vw+6v-5w)$
(iii) $(-4v^2w^2+4v^2w+12vw^2-6vw+6v-5w)$ (iv) $(-3v^2w^2+4v^2w+12vw^2-6vw+6v-5w)$
(v) $(-3v^2w^2+6v^2w+12vw^2-6vw+6v-5w)$

14. The value of $(-3hi+6h+7i) + (3hj+5ij-4j)$ is

- (i) $(-3hi+3hj+6h+5ij+7i-4j)$ (ii) $(-3hi+6h+5ij+7i-4j)$ (iii) $(-2hi+3hj+6h+5ij+7i-4j)$
(iv) $(-3hi+5hj+6h+5ij+7i-4j)$ (v) $(-4hi+3hj+6h+5ij+7i-4j)$

15. The value of $(5m^2o^2-9mn^2o^2+5) + (-4m^2-3mno^2-4mo^2) + (-6m^2o^2+2mn^2o^2+m)$ is

- (i) $(-2m^2o^2-4m^2-7mn^2o^2-3mno^2-4mo^2+m+5)$
(ii) $(-m^2o^2-7m^2-7mn^2o^2-3mno^2-4mo^2+m+5)$ (iii) $(-4m^2-7mn^2o^2-3mno^2-4mo^2+m+5)$
(iv) $(-m^2o^2-4m^2-7mn^2o^2-3mno^2-4mo^2+m+5)$
(v) $(-m^2o^2-2m^2-7mn^2o^2-3mno^2-4mo^2+m+5)$

16. The value of $\frac{4}{5}rs + \frac{1}{2}rs$ is

- (i) $\frac{13}{10}rs$ (ii) $\frac{13}{8}rs$ (iii) $\frac{11}{10}rs$ (iv) $\frac{13}{12}rs$ (v) $\frac{3}{2}rs$

17. The value of $\frac{1}{2}o^2p^2 + \frac{2}{5}o^2p^2 + \frac{2}{3}o^2p^2 + \frac{2}{3}o^2p^2$ is

- (i) $\frac{67}{30}o^2p^2$ (ii) $\frac{23}{10}o^2p^2$ (iii) $\frac{13}{6}o^2p^2$ (iv) $\frac{71}{32}o^2p^2$ (v) $\frac{9}{4}o^2p^2$

18. The value of $\frac{1}{2}stu + \frac{1}{5}stu$ is

- (i) $\frac{7}{10}stu$ (ii) $\frac{1}{2}stu$ (iii) $\frac{7}{12}stu$ (iv) $\frac{7}{8}stu$ (v) $\frac{9}{10}stu$

19. The value of $\frac{2}{3}n^3o^3p^3 + \frac{1}{3}n^3o^3p^3 + \frac{1}{4}n^3o^3p^3 + \frac{2}{3}n^3o^3p^3$ is

- (i) $\frac{7}{4}n^3o^3p^3$ (ii) $\frac{21}{10}n^3o^3p^3$ (iii) $\frac{23}{12}n^3o^3p^3$ (iv) $\frac{25}{14}n^3o^3p^3$ (v) $\frac{25}{12}n^3o^3p^3$

20. The value of $(-5ij) - (-4ij)$ is

- (i) $(-2ij)$ (ii) $(-4ij)$ (iii) ij (iv) 0 (v) $(-ij)$

21. The value of $(-2fg) - (-6fg) - 4fg - (-fg)$ is
(i) $2fg$ (ii) fg (iii) 0 (iv) $3fg$ (v) $(-2fg)$

22. The value of $(-3p^2q^2r^2) - (-5p^2q^2r^2)$ is
(i) 0 (ii) $3p^2q^2r^2$ (iii) $5p^2q^2r^2$ (iv) $p^2q^2r^2$ (v) $2p^2q^2r^2$

23. The value of $5s^2t^2u^2 - 4s^2t^2u^2 - (-8s^2t^2u^2) - 6s^2t^2u^2$ is
(i) $2s^2t^2u^2$ (ii) $4s^2t^2u^2$ (iii) $5s^2t^2u^2$ (iv) $3s^2t^2u^2$ (v) 0

24. The value of $(9i-j+4) - (-7i-8j-9)$ is
(i) $(17i+7j+13)$ (ii) $(16i+7j+13)$ (iii) $(16i+10j+13)$ (iv) $(16i+5j+13)$ (v) $(15i+7j+13)$

25. The value of $(15n^2o^2+3n^2o-5n^2-3o^2) - (4n^2-7no^2+5n-5)$ is
(i) $(16n^2o^2+3n^2o-9n^2+7no^2-5n-3o^2+5)$ (ii) $(15n^2o^2+6n^2o-9n^2+7no^2-5n-3o^2+5)$
(iii) $(14n^2o^2+3n^2o-9n^2+7no^2-5n-3o^2+5)$ (iv) $(15n^2o^2+3n^2o-9n^2+7no^2-5n-3o^2+5)$
(v) $(15n^2o^2+n^2o-9n^2+7no^2-5n-3o^2+5)$

26. The value of $(9tv-8u+8v) - (9tuv-uv-6u)$ is
(i) $(-10tuv+9tv+uv-2u+8v)$ (ii) $(-9tuv+9tv+uv-2u+8v)$ (iii) $(-9tuv+12tv+uv-2u+8v)$
(iv) $(-9tuv+6tv+uv-2u+8v)$ (v) $(-8tuv+9tv+uv-2u+8v)$

27. The value of $(9v^2w^2+wx^2+w) - (8vw^2x^2+v-6wx) - (-8vw^2x-3vw-7w)$ is
(i) $(9v^2w^2-6vw^2x^2+8vw^2x+3vw-v+wx^2+6wx+8w)$
(ii) $(10v^2w^2-8vw^2x^2+8vw^2x+3vw-v+wx^2+6wx+8w)$
(iii) $(9v^2w^2-10vw^2x^2+8vw^2x+3vw-v+wx^2+6wx+8w)$
(iv) $(8v^2w^2-8vw^2x^2+8vw^2x+3vw-v+wx^2+6wx+8w)$
(v) $(9v^2w^2-8vw^2x^2+8vw^2x+3vw-v+wx^2+6wx+8w)$

28. The value of $\frac{1}{4}st - \frac{2}{3}st$ is
(i) $(-\frac{1}{2}st)$ (ii) $(-\frac{5}{14}st)$ (iii) $(-\frac{1}{4}st)$ (iv) $(-\frac{7}{12}st)$ (v) $(-\frac{5}{12}st)$

29. The value of $\frac{1}{3}uv - \frac{3}{4}uv - \frac{1}{3}uv - \frac{1}{2}uv$ is
(i) $(-\frac{5}{2}uv)$ (ii) $(-\frac{7}{4}uv)$ (iii) $(-\frac{3}{4}uv)$ (iv) $(-\frac{5}{4}uv)$ (v) $(-\frac{5}{6}uv)$

30. The value of $\frac{2}{3}c^2 d^2 e^2 - \frac{3}{4}c^2 d^2 e^2$ is

- (i) $\frac{1}{12}c^2 d^2 e^2$ (ii) $(-\frac{1}{4}c^2 d^2 e^2)$ (iii) $(-\frac{1}{12}c^2 d^2 e^2)$ (iv) $(-\frac{1}{10}c^2 d^2 e^2)$ (v) $(-\frac{1}{14}c^2 d^2 e^2)$

31. The value of $\frac{1}{3}t^2 u^2 v^2 - \frac{1}{3}t^2 u^2 v^2 - \frac{2}{5}t^2 u^2 v^2 - \frac{1}{2}t^2 u^2 v^2$ is

- (i) $(-\frac{9}{8}t^2 u^2 v^2)$ (ii) $(-\frac{9}{10}t^2 u^2 v^2)$ (iii) $(-\frac{11}{10}t^2 u^2 v^2)$ (iv) $(-\frac{3}{4}t^2 u^2 v^2)$ (v) $(-\frac{7}{10}t^2 u^2 v^2)$

Assignment Key

1) (iv)	2) (iv)	3) (iii)	4) (v)	5) (iv)	6) (iii)
7) (i)	8) (i)	9) (ii)	10) (ii)	11) (iii)	12) (v)
13) (iv)	14) (i)	15) (iv)	16) (i)	17) (i)	18) (i)
19) (iii)	20) (v)	21) (ii)	22) (v)	23) (iv)	24) (ii)
25) (iv)	26) (ii)	27) (v)	28) (v)	29) (iv)	30) (iii)
31) (ii)					