



1. The product of the terms $5, (-5), (-3x), 3, (-2)$ is
(i) $(-453x)$ (ii) $(-450x)$ (iii) $(-448x)$ (iv) $(-451x)$ (v) $(-449x)$
2. The product of the terms $3t, (-4su), (-5stu), (-4), (-3)$ is
(i) $721s^2t^2u^2$ (ii) $717s^2t^2u^2$ (iii) $720s^2t^2u^2$ (iv) $722s^2t^2u^2$ (v) $719s^2t^2u^2$
3. The product of the terms $4, (-4), 3, (-1), (-5)$ is
(i) (-242) (ii) (-240) (iii) (-241) (iv) (-239) (v) (-237)
4. The value of $7no \times (-8o)$ is
(i) $(-53no^2)$ (ii) $(-58no^2)$ (iii) $(-55no^2)$ (iv) $(-56no^2)$ (v) $(-57no^2)$
5. The value of $(-6bc) \times (-5b) \times b \times (-9bc)$ is
(i) $(-270b^4c^2)$ (ii) $(-271b^4c^2)$ (iii) $(-267b^4c^2)$ (iv) $(-272b^4c^2)$ (v) $(-269b^4c^2)$
6. The value of $(-9t^2u^2v^2) \times (-8t^2u^2v)$ is
(i) $70t^4u^4v^3$ (ii) $73t^4u^4v^3$ (iii) $72t^4u^4v^3$ (iv) $74t^4u^4v^3$ (v) $71t^4u^4v^3$
7. The value of $(-xy) \times (-7x) \times (-6wxy) \times (-7y)$ is
(i) $294wx^3y^3$ (ii) $292wx^3y^3$ (iii) $297wx^3y^3$ (iv) $293wx^3y^3$ (v) $295wx^3y^3$
8. The value of $(-5)(2b+5)$ is
(i) $(-10b-25)$ (ii) $(-9b-25)$ (iii) $(-10b-22)$ (iv) $(-11b-25)$ (v) $(-10b-27)$
9. The value of $(-2)(2ab^2-5a)$ is
(i) $(-5ab^2+10a)$ (ii) $(-4ab^2+7a)$ (iii) $(-4ab^2+12a)$ (iv) $(-3ab^2+10a)$ (v) $(-4ab^2+10a)$
10. The value of $(-u)(-5t^2+u)$ is
(i) $(6t^2u-u^2)$ (ii) $(5t^2u-u^2)$ (iii) $(4t^2u-u^2)$ (iv) $(5t^2u-3u^2)$ (v) $(5t^2u+2u^2)$
11. The value of $(-d)(3de+e^2f-2ef^2)$ is
(i) $(-4d^2e-de^2f+2def^2)$ (ii) $(-3d^2e-3de^2f+2def^2)$ (iii) $(-2d^2e-de^2f+2def^2)$
(iv) $(-3d^2e-de^2f+2def^2)$ (v) $(-3d^2e+2de^2f+2def^2)$

12. The value of $\frac{1}{2}\left(\frac{2}{5}v+\frac{1}{2}\right)$ is

- (i) $\left(\frac{1}{5}v+\frac{1}{4}\right)$ (ii) $\left(\frac{1}{3}v+\frac{1}{4}\right)$ (iii) $\left(\frac{1}{5}v+\frac{3}{4}\right)$ (iv) $\left(\frac{1}{5}v-\frac{1}{4}\right)$ (v) $\left(\frac{1}{7}v+\frac{1}{4}\right)$

13. The value of $\frac{1}{2}xy\left(\frac{3}{4}x^2y^2+\frac{1}{2}\right)$ is

- (i) $\left(\frac{3}{10}x^3y^3+\frac{1}{4}xy\right)$ (ii) $\left(\frac{1}{2}x^3y^3+\frac{1}{4}xy\right)$ (iii) $\left(\frac{3}{8}x^3y^3+\frac{3}{4}xy\right)$ (iv) $\left(\frac{3}{8}x^3y^3+\frac{1}{4}xy\right)$ (v) $\left(\frac{3}{8}x^3y^3-\frac{1}{4}xy\right)$

14. The value of $\frac{4}{5}eg\left(\frac{1}{2}e^2fg^2+\frac{1}{2}fg\right)$ is

- (i) $\left(\frac{2}{7}e^3fg^3+\frac{2}{5}efg^2\right)$ (ii) $\left(\frac{2}{3}e^3fg^3+\frac{2}{5}efg^2\right)$ (iii) $\left(\frac{2}{5}e^3fg^3+\frac{2}{5}efg^2\right)$ (iv) $\frac{2}{5}e^3fg^3$ (v) $\left(\frac{2}{5}e^3fg^3+\frac{4}{5}efg^2\right)$

15. The value of $\frac{2}{3}q\left(\frac{3}{4}q^2rs+\frac{1}{2}r^2s^2+\frac{1}{5}r^2s\right)$ is

- (i) $\left(\frac{1}{2}q^3rs+\frac{1}{3}qr^2s^2+\frac{2}{15}qr^2s\right)$ (ii) $\left(\frac{1}{2}q^3rs+qr^2s^2+\frac{2}{15}qr^2s\right)$ (iii) $\left(\frac{1}{4}q^3rs+\frac{1}{3}qr^2s^2+\frac{2}{15}qr^2s\right)$
(iv) $\left(q^3rs+\frac{1}{3}qr^2s^2+\frac{2}{15}qr^2s\right)$ (v) $\left(\frac{1}{2}q^3rs-\frac{1}{3}qr^2s^2+\frac{2}{15}qr^2s\right)$

16. The value of $(c-8) \times (-4bc-6)$ is

- (i) $(-5bc^2+32bc-6c+48)$ (ii) $(-4bc^2+34bc-6c+48)$ (iii) $(-4bc^2+29bc-6c+48)$
(iv) $(-4bc^2+32bc-6c+48)$ (v) $(-3bc^2+32bc-6c+48)$

17. The value of $(5cd^2+5cd) \times (-5c^2d-6c^2)$ is

- (i) $(-26c^3d^3-55c^3d^2-30c^3d)$ (ii) $(-25c^3d^3-52c^3d^2-30c^3d)$ (iii) $(-25c^3d^3-55c^3d^2-30c^3d)$
(iv) $(-24c^3d^3-55c^3d^2-30c^3d)$ (v) $(-25c^3d^3-57c^3d^2-30c^3d)$

18. The value of $(-4pr+2p+1) \times (-6qr+6q+9)$ is

- (i) $(24pqr^2-36pqr+12pq-36pr+18p-6qr+6q+9)$
(ii) $(24pqr^2-34pqr+12pq-36pr+18p-6qr+6q+9)$
(iii) $(23pqr^2-36pqr+12pq-36pr+18p-6qr+6q+9)$
(iv) $(25pqr^2-36pqr+12pq-36pr+18p-6qr+6q+9)$
(v) $(24pqr^2-38pqr+12pq-36pr+18p-6qr+6q+9)$

19. The value of $(cd+8d) \times (4d+8) \times (-19c+3d)$ is

(i) $(-76c^2d^2 - 155c^2d + 12cd^3 - 584cd^2 - 1216cd + 96d^3 + 192d^2)$

(ii) $(-77c^2d^2 - 152c^2d + 12cd^3 - 584cd^2 - 1216cd + 96d^3 + 192d^2)$

(iii) $(-76c^2d^2 - 152c^2d + 12cd^3 - 584cd^2 - 1216cd + 96d^3 + 192d^2)$

(iv) $(-76c^2d^2 - 150c^2d + 12cd^3 - 584cd^2 - 1216cd + 96d^3 + 192d^2)$

(v) $(-75c^2d^2 - 152c^2d + 12cd^3 - 584cd^2 - 1216cd + 96d^3 + 192d^2)$

20. The value of $\frac{3}{4}f \times \frac{1}{2}$ is

(i) $\frac{5}{8}f$ (ii) $\frac{1}{8}f$ (iii) $\frac{3}{8}f$ (iv) $\frac{3}{10}f$ (v) $\frac{1}{2}f$

21. The value of $\frac{3}{5} \times \frac{1}{2}b \times \frac{1}{4} \times \frac{1}{3}b$ is

(i) $\frac{3}{40}b^2$ (ii) $\frac{1}{38}b^2$ (iii) $(-\frac{1}{40}b^2)$ (iv) $\frac{1}{40}b^2$ (v) $\frac{1}{42}b^2$

22. The value of $\frac{1}{2}opq \times \frac{3}{5}op^2q^2$ is

(i) $\frac{1}{10}o^2p^3q^3$ (ii) $\frac{3}{8}o^2p^3q^3$ (iii) $\frac{3}{10}o^2p^3q^3$ (iv) $\frac{1}{2}o^2p^3q^3$ (v) $\frac{1}{4}o^2p^3q^3$

23. The value of $\frac{1}{2}x \times \frac{1}{3} \times \frac{1}{2}yz \times \frac{4}{5}xz$ is

(i) $\frac{1}{15}x^2yz^2$ (ii) $\frac{1}{5}x^2yz^2$ (iii) $\frac{1}{17}x^2yz^2$ (iv) $\frac{1}{13}x^2yz^2$ (v) $(-\frac{1}{15}x^2yz^2)$

Assignment Key

1) (ii)	2) (iii)	3) (ii)	4) (iv)	5) (i)	6) (iii)
7) (i)	8) (i)	9) (v)	10) (ii)	11) (iv)	12) (i)
13) (iv)	14) (iii)	15) (i)	16) (iv)	17) (iii)	18) (i)
19) (iii)	20) (iii)	21) (iv)	22) (iii)	23) (i)	