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1. The value of $v \times v \times v$ is

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

2. The value of $(-4) \times 5a \times 5 \times (-a)$ is

   (i) $101a^2$ (ii) $99a^2$ (iii) $102a^2$ (iv) $100a^2$ (v) $98a^2$

3. The value of $5r^2 \times 8r^2$ is

   (i) $39r^4$ (ii) $43r^4$ (iii) $41r^4$ (iv) $40r^4$ (v) $37r^4$

4. The value of $(-b) \times b \times (-5b)$ is

   (i) $7b^3$ (ii) $6b^3$ (iii) $5b^3$ (iv) $2b^3$ (v) $4b^3$

5. The value of $(-7p+5) \times (-2p-5)$ is

   (i) $(17p^2+25p-25)$ (ii) $(13p^2+25p-25)$ (iii) $(11p^2+25p-25)$ (iv) $(14p^2+25p-25)$

   (v) $(15p^2+25p-25)$

6. The value of $\frac{1}{5}m^2 \times \frac{3}{5}m^2 \times \frac{1}{2}m$ is

   (i) $\frac{3}{50}m^5$ (ii) $\frac{1}{50}m^5$ (iii) $\frac{3}{52}m^5$ (iv) $\frac{1}{16}m^5$ (v) $\frac{1}{10}m^5$

7. The value of $\frac{3}{4}a \times \frac{1}{2} \times \frac{1}{2}$ is

   (i) $\frac{5}{16}a$ (ii) $\frac{3}{16}a$ (iii) $\frac{1}{16}a$ (iv) $\frac{1}{6}a$ (v) $\frac{3}{14}a$

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

   (i) 0 (ii) $\frac{2}{17}d^3$ (iii) $\frac{2}{13}d^3$ (iv) $\frac{2}{15}d^3$ (v) $\frac{4}{15}d^3$

9. The value of $\frac{3}{4}f^2 \times \frac{1}{5}f$ is

   (i) $\frac{3}{20}f^3$ (ii) $\frac{1}{4}f^3$ (iii) $\frac{1}{20}f^3$ (iv) $\frac{1}{6}f^3$ (v) $\frac{3}{22}f^3$

10. The product of the terms $(-5), (-2w), (-2), 1, (-3)$ is

    (i) $58w$ (ii) $61w$ (iii) $60w$ (iv) $59w$ (v) $62w$

11. The product of the terms $5r, (-3s), (-1), 3, 2$ is

(i) $90rs$ (ii) $88rs$ (iii) $91rs$ (iv) $93rs$ (v) $89rs$

12. The product of the terms $1, (-2), (-1), 5, 3$ is

(i) 28 (ii) 30 (iii) 31 (iv) 32 (v) 29

13. The value of $4g \times (-3)$ is

(i) $(-10g)$ (ii) $(-11g)$ (iii) $(-12g)$ (iv) $(-13g)$ (v) $(-14g)$

14. The value of $(-9) \times 9m \times (-6mn) \times (-8m)$ is

(i) $(-3887m^3n)$ (ii) $(-3885m^3n)$ (iii) $(-3888m^3n)$ (iv) $(-3891m^3n)$ (v) $(-3889m^3n)$

15. The value of $8ef^2 \times (-3d^2e)$ is

(i) $(-21d^2e^2f^2)$ (ii) $(-25d^2e^2f^2)$ (iii) $(-24d^2e^2f^2)$ (iv) $(-23d^2e^2f^2)$ (v) $(-26d^2e^2f^2)$

16. The value of $(-7o) \times 3p \times 5nop \times 3$ is

(i) $(-317no^2p^2)$ (ii) $(-312no^2p^2)$ (iii) $(-315no^2p^2)$ (iv) $(-316no^2p^2)$ (v) $(-314no^2p^2)$

17. The value of $3\,(-4vw-v)$ is

(i) $(-13vw-3v)$ (ii) $(-12vw-6v)$ (iii) $(-12vw-3v)$ (iv) $(-12vw-v)$ (v) $(-11vw-3v)$

18. The value of $(-4o)\,(-4no-n)$ is

(i) $(15no^2+4no)$ (ii) $(16no^2+no)$ (iii) $(17no^2+4no)$ (iv) $(16no^2+4no)$ (v) $(16no^2+6no)$

19. The value of $(-2u)\,(u+4)$ is

(i) $(-2u^2-8u)$ (ii) $(-2u^2-6u)$ (iii) $(-3u^2-8u)$ (iv) $(-2u^2-11u)$ (v) $(-u^2-8u)$

20. The value of $(-2r)\,(3q^2-qrs^2-2)$ is

(i) $(-6q^2r+2qr^2s^2+4r)$ (ii) $(-6q^2r+5qr^2s^2+4r)$ (iii) $(-6q^2r-qr^2s^2+4r)$ (iv) $(-5q^2r+2qr^2s^2+4r)$

(v) $(-7q^2r+2qr^2s^2+4r)$

21. The value of $\frac{3}{4}\,(\frac{3}{4}no+\frac{1}{4})$ is

(i) $(\frac{9}{14}no+\frac{3}{16})$ (ii) $(\frac{9}{16}no+\frac{5}{16})$ (iii) $(\frac{1}{2}no+\frac{3}{16})$ (iv) $(\frac{9}{16}no+\frac{1}{16})$ (v) $(\frac{9}{16}no+\frac{3}{16})$

22. The value of $\frac{1}{2}q\,(\frac{1}{2}q^2r^2+\frac{1}{3}qr^2)$ is

(i) $(\frac{1}{4}q^3r^2-\frac{1}{6}q^2r^2)$ (ii) $(\frac{1}{4}q^3r^2+\frac{1}{2}q^2r^2)$ (iii) $(\frac{1}{6}q^3r^2+\frac{1}{6}q^2r^2)$ (iv) $(\frac{1}{4}q^3r^2+\frac{1}{6}q^2r^2)$ (v) $(\frac{1}{2}q^3r^2+\frac{1}{6}q^2r^2)$

23. The value of $\frac{2}{3}tu\left(\frac{1}{2}su^2+\frac{2}{3}t\right)$ is

(i) $\left(\frac{1}{3}stu^3+\frac{2}{9}t^2u\right)$ (ii) $\left(stu^3+\frac{4}{9}t^2u\right)$ (iii) $\left(\frac{1}{3}stu^3+\frac{2}{3}t^2u\right)$ (iv) $\left(\frac{1}{3}stu^3+\frac{4}{9}t^2u\right)$ (v) $\left(\frac{1}{5}stu^3+\frac{4}{9}t^2u\right)$

24. The value of $\frac{1}{2}gi\left(\frac{1}{3}g^2i+\frac{3}{5}h^2i+\frac{3}{4}h^2\right)$ is

(i) $\left(\frac{1}{6}g^3i^2+\frac{3}{10}gh^2i^2+\frac{3}{8}gh^2i\right)$ (ii) $\left(\frac{1}{6}g^3i^2+\frac{1}{2}gh^2i^2+\frac{3}{8}gh^2i\right)$ (iii) $\left(\frac{1}{8}g^3i^2+\frac{3}{10}gh^2i^2+\frac{3}{8}gh^2i\right)$

(iv) $\left(\frac{1}{6}g^3i^2+\frac{1}{10}gh^2i^2+\frac{3}{8}gh^2i\right)$ (v) $\left(\frac{1}{4}g^3i^2+\frac{3}{10}gh^2i^2+\frac{3}{8}gh^2i\right)$

25. The value of $(-7j+5)\times(-i+3)$ is

(i) $(8ij-5i-21j+15)$ (ii) $(7ij-7i-21j+15)$ (iii) $(6ij-5i-21j+15)$ (iv) $(7ij-5i-21j+15)$

(v) $(7ij-2i-21j+15)$

26. The value of $\frac{1}{4}\times\frac{3}{4}o$ is

(i) $\frac{1}{6}o$ (ii) $\frac{3}{16}o$ (iii) $\frac{1}{16}o$ (iv) $\frac{5}{16}o$ (v) $\frac{3}{14}o$

27. The value of $\frac{1}{3}y\times\frac{1}{2}x\times\frac{1}{2}x\times\frac{1}{2}y$ is

(i) $\frac{1}{26}x^2y^2$ (ii) $\frac{1}{8}x^2y^2$ (iii) $\frac{1}{24}x^2y^2$ (iv) $\left(-\frac{1}{24}x^2y^2\right)$ (v) $\frac{1}{22}x^2y^2$

28. The value of $\frac{1}{2}uvw^2\times\frac{1}{3}v$ is

(i) $\frac{1}{8}uv^2w^2$ (ii) $\left(-\frac{1}{6}uv^2w^2\right)$ (iii) $\frac{1}{6}uv^2w^2$ (iv) $\frac{1}{4}uv^2w^2$ (v) $\frac{1}{2}uv^2w^2$

29. The value of $\frac{1}{2}pq\times\frac{3}{4}q\times\frac{1}{3}q\times\frac{1}{2}pqr$ is

(i) $\left(-\frac{1}{16}p^2q^4r\right)$ (ii) $\frac{3}{16}p^2q^4r$ (iii) $\frac{1}{16}p^2q^4r$ (iv) $\frac{1}{14}p^2q^4r$ (v) $\frac{1}{18}p^2q^4r$

Assignment Key

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

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