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

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

2. The value of $3n \times 4 \times n \times (-3)$ is

   (i) $(-36n^2)$ (ii) $(-38n^2)$ (iii) $(-37n^2)$ (iv) $(-35n^2)$ (v) $(-33n^2)$

3. The value of $9g \times g^2$ is

   (i) $6g^3$ (ii) $8g^3$ (iii) $9g^3$ (iv) $11g^3$ (v) $10g^3$

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

   (i) $(-40q^4)$ (ii) $(-41q^4)$ (iii) $(-42q^4)$ (iv) $(-38q^4)$ (v) $(-39q^4)$

5. The value of $(-4h-9) \times (7h-4)$ is

   (i) $(-30h^2-47h+36)$ (ii) $(-27h^2-47h+36)$ (iii) $(-28h^2-47h+36)$ (iv) $(-29h^2-47h+36)$

   (v) $(-25h^2-47h+36)$

6. The value of $(v^2+9v+1) \times (7v^2+4v-2)$ is

   (i) $(6v^4+67v^3+41v^2-14v-2)$ (ii) $(5v^4+67v^3+41v^2-14v-2)$ (iii) $(10v^4+67v^3+41v^2-14v-2)$

   (iv) $(8v^4+67v^3+41v^2-14v-2)$ (v) $(7v^4+67v^3+41v^2-14v-2)$

7. The value of $(-5s^2-8s-5) \times (-3s^2+9s+3)$ is

   (i) $(16s^4-21s^3-72s^2-69s-15)$ (ii) $(15s^4-21s^3-72s^2-69s-15)$ (iii) $(17s^4-21s^3-72s^2-69s-15)$

   (iv) $(13s^4-21s^3-72s^2-69s-15)$ (v) $(14s^4-21s^3-72s^2-69s-15)$

8. The value of $(8t^2+9) \times (5t^2+9) \times (-2t^2+6t)$ is

   (i) $(-81t^6+240t^5-234t^4+702t^3-162t^2+486t)$ (ii) $(-83t^6+240t^5-234t^4+702t^3-162t^2+486t)$

   (iii) $(-80t^6+240t^5-234t^4+702t^3-162t^2+486t)$ (iv) $(-79t^6+240t^5-234t^4+702t^3-162t^2+486t)$

   (v) $(-77t^6+240t^5-234t^4+702t^3-162t^2+486t)$

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

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

10. The value of $\frac{4}{5}h \times \frac{2}{3}h \times \frac{2}{3}h \times \frac{2}{5}h$ is

(i) $\frac{32}{227}h^4$ (ii) $\frac{32}{223}h^4$ (iii) $\frac{2}{15}h^4$ (iv) $\frac{32}{225}h^4$ (v) $\frac{34}{225}h^4$

11. The value of $\frac{2}{5}m \times \frac{3}{4}m^2$ is

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

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

(i) $\frac{1}{5}q^4$ (ii) $\frac{1}{17}q^4$ (iii) $\frac{1}{15}q^4$ (iv) $\frac{1}{13}q^4$ (v) $(-\frac{1}{15}q^4)$

13. The product of the terms $5h, 2i, (-4i), (-4), 4$ is

(i) $641hi^2$ (ii) $639hi^2$ (iii) $643hi^2$ (iv) $638hi^2$ (v) $640hi^2$

14. The product of the terms $(-5gh), (-3h), 5f, 4, 5$ is

(i) $1499fgh^2$ (ii) $1502fgh^2$ (iii) $1501fgh^2$ (iv) $1500fgh^2$ (v) $1497fgh^2$

15. The product of the terms $(-2), (-2), (-2), 5, 4$ is

(i) (-161) (ii) (-160) (iii) (-159) (iv) (-162) (v) (-158)

16. The value of $5n \times (-9n)$ is

(i) $(-43n^2)$ (ii) $(-48n^2)$ (iii) $(-44n^2)$ (iv) $(-46n^2)$ (v) $(-45n^2)$

17. The value of $(-1) \times (-5s) \times 2t \times (-1)$ is

(i) $(-8st)$ (ii) $(-11st)$ (iii) $(-10st)$ (iv) $(-9st)$ (v) $(-13st)$

18. The value of $5h^2ij \times (-9ij)$ is

(i) $(-45h^2i^2j^2)$ (ii) $(-44h^2i^2j^2)$ (iii) $(-46h^2i^2j^2)$ (iv) $(-43h^2i^2j^2)$ (v) $(-47h^2i^2j^2)$

19. The value of $(-3jkl) \times 3kl \times 7jl \times (-jk)$ is

(i) $60j^3k^3l^3$ (ii) $62j^3k^3l^3$ (iii) $66j^3k^3l^3$ (iv) $63j^3k^3l^3$ (v) $64j^3k^3l^3$

20. The value of $(-3)(5l/m-4)$ is

(i) $(-15l/m+12)$ (ii) $(-16l/m+12)$ (iii) $(-15l/m+14)$ (iv) $(-14l/m+12)$ (v) $(-15l/m+10)$

21. The value of $5kl(-4kl^2-2k)$ is

(i) $(-20k^2l^3-10k^2l)$ (ii) $(-21k^2l^3-10k^2l)$ (iii) $(-20k^2l^3-12k^2l)$ (iv) $(-19k^2l^3-10k^2l)$

(v) $(-20k^2l^3-7k^2l)$

22. The value of $2m(3mno+4n)$ is

(i) $(7m^2no+8mn)$ (ii) $(5m^2no+8mn)$ (iii) $(6m^2no+6mn)$ (iv) $(6m^2no+8mn)$ (v) $(6m^2no+10mn)$

23. The value of $5def(5d^2ef-2def^2+de)$ is

(i) $(24d^3e^2f^2-10d^2e^2f^3+5d^2e^2f)$ (ii) $(25d^3e^2f^2-8d^2e^2f^3+5d^2e^2f)$

(iii) $(25d^3e^2f^2-10d^2e^2f^3+5d^2e^2f)$ (iv) $(25d^3e^2f^2-12d^2e^2f^3+5d^2e^2f)$

(v) $(26d^3e^2f^2-10d^2e^2f^3+5d^2e^2f)$

24. The value of $\frac{4}{5}(\frac{2}{5}kl+\frac{1}{2}l)$ is

(i) $(\frac{8}{25}kl+\frac{2}{5}l)$ (ii) $(\frac{8}{27}kl+\frac{2}{5}l)$ (iii) $(\frac{8}{23}kl+\frac{2}{5}l)$ (iv) $(\frac{8}{25}kl+\frac{4}{5}l)$ (v) $\frac{8}{25}kl$

25. The value of $\frac{1}{2}a(a^2b^2+\frac{3}{5}b)$ is

(i) $(a^3b^2+\frac{3}{10}ab)$ (ii) $(\frac{1}{4}a^3b^2+\frac{3}{10}ab)$ (iii) $(\frac{1}{2}a^3b^2+\frac{3}{10}ab)$ (iv) $(\frac{1}{2}a^3b^2+\frac{1}{10}ab)$ (v) $(\frac{1}{2}a^3b^2+\frac{1}{2}ab)$

26. The value of $\frac{3}{4}fg(\frac{1}{2}f^2g^2h^2+\frac{3}{4}fg)$ is

(i) $(\frac{3}{8}f^3g^3h^2+\frac{7}{16}f^2g^2)$ (ii) $(\frac{3}{10}f^3g^3h^2+\frac{9}{16}f^2g^2)$ (iii) $(\frac{3}{8}f^3g^3h^2+\frac{11}{16}f^2g^2)$ (iv) $(\frac{3}{8}f^3g^3h^2+\frac{9}{16}f^2g^2)$

(v) $(\frac{1}{2}f^3g^3h^2+\frac{9}{16}f^2g^2)$

27. The value of $\frac{1}{2}fg(\frac{2}{3}f^2g^2h^2+\frac{1}{2}fgh^2+\frac{2}{3}gh^2)$ is

(i) $(\frac{1}{3}f^3g^3h^2+\frac{3}{4}f^2g^2h^2+\frac{1}{3}fg^2h^2)$ (ii) $(\frac{1}{5}f^3g^3h^2+\frac{1}{4}f^2g^2h^2+\frac{1}{3}fg^2h^2)$ (iii) $(\frac{1}{3}f^3g^3h^2-\frac{1}{4}f^2g^2h^2+\frac{1}{3}fg^2h^2)$

(iv) $(\frac{1}{3}f^3g^3h^2+\frac{1}{4}f^2g^2h^2+\frac{1}{3}fg^2h^2)$ (v) $(f^3g^3h^2+\frac{1}{4}f^2g^2h^2+\frac{1}{3}fg^2h^2)$

28. The value of $(-2op-o)\times(-4o-6p)$ is

(i) $(7o^2p+4o^2+12op^2+6op)$ (ii) $(8o^2p+6o^2+12op^2+6op)$ (iii) $(8o^2p+o^2+12op^2+6op)$

(iv) $(8o^2p+4o^2+12op^2+6op)$ (v) $(9o^2p+4o^2+12op^2+6op)$

29. The value of $(7ab^2+2)\times(7a^2b^2+2a)$ is

(i) $(49a^3b^4+25a^2b^2+4a)$ (ii) $(49a^3b^4+30a^2b^2+4a)$ (iii) $(49a^3b^4+28a^2b^2+4a)$

(iv) $(48a^3b^4+28a^2b^2+4a)$ (v) $(50a^3b^4+28a^2b^2+4a)$

30. The value of $(-9k-4)\times(7jk+9)\times(-3j-2)$ is

(i) $(189j^2k^2+81j^2k+126jk^2+299jk+108j+162k+72)$

(ii) $(189j^2k^2+84j^2k+126jk^2+299jk+108j+162k+72)$

(iii) $(189j^2k^2+86j^2k+126jk^2+299jk+108j+162k+72)$

(iv) $(188j^2k^2+84j^2k+126jk^2+299jk+108j+162k+72)$

(v) $(190j^2k^2+84j^2k+126jk^2+299jk+108j+162k+72)$

31. The value of $\frac{2}{5}\times\frac{3}{5}jk$ is

(i) $\frac{6}{23}jk$ (ii) $\frac{2}{9}jk$ (iii) $\frac{8}{25}jk$ (iv) $\frac{4}{25}jk$ (v) $\frac{6}{25}jk$

32. The value of $\frac{1}{2}mn\times\frac{2}{5}m\times\frac{1}{3}\times\frac{1}{2}n$ is

(i) $\frac{1}{10}m^2n^2$ (ii) $(-\frac{1}{30}m^2n^2)$ (iii) $\frac{1}{28}m^2n^2$ (iv) $\frac{1}{30}m^2n^2$ (v) $\frac{1}{32}m^2n^2$

33. The value of $\frac{4}{5}ef^2g^2\times\frac{1}{3}$ is

(i) $\frac{4}{13}ef^2g^2$ (ii) $\frac{2}{5}ef^2g^2$ (iii) $\frac{4}{15}ef^2g^2$ (iv) $\frac{4}{17}ef^2g^2$ (v) $\frac{2}{15}ef^2g^2$

34. The value of $\frac{1}{2}gh\times\frac{2}{5}fgh\times\frac{2}{5}gh\times\frac{1}{2}g$ is

(i) $\frac{1}{25}fg^4h^3$ (ii) $\frac{3}{25}fg^4h^3$ (iii) $\frac{1}{23}fg^4h^3$ (iv) $(-\frac{1}{25}fg^4h^3)$ (v) $\frac{1}{27}fg^4h^3$

Assignment Key

1) (i)	2) (i)	3) (iii)	4) (i)	5) (iii)	6) (v)
7) (ii)	8) (iii)	9) (ii)	10) (iv)	11) (iv)	12) (iii)
13) (v)	14) (iv)	15) (ii)	16) (v)	17) (iii)	18) (i)
19) (iv)	20) (i)	21) (i)	22) (iv)	23) (iii)	24) (i)
25) (iii)	26) (iv)	27) (iv)	28) (iv)	29) (iii)	30) (ii)
31) (v)	32) (iv)	33) (iii)	34) (i)		