



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

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

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

- (i) q^3 (ii) $5q^3$ (iii) $4q^3$ (iv) $3q^3$ (v) $6q^3$

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

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

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

- (i) $(-16m^4)$ (ii) $(-19m^4)$ (iii) $(-15m^4)$ (iv) $(-13m^4)$ (v) $(-17m^4)$

5. The value of $(8h+2) \times (8h+2)$ is

- (i) $(67h^2+32h+4)$ (ii) $(61h^2+32h+4)$ (iii) $(63h^2+32h+4)$ (iv) $(65h^2+32h+4)$ (v) $(64h^2+32h+4)$

6. The value of $(-5q^2+9q-7) \times (-7q^2-6q+2)$ is

- (i) $(36q^4-33q^3-15q^2+60q-14)$ (ii) $(35q^4-33q^3-15q^2+60q-14)$ (iii) $(34q^4-33q^3-15q^2+60q-14)$
(iv) $(33q^4-33q^3-15q^2+60q-14)$ (v) $(37q^4-33q^3-15q^2+60q-14)$

7. The value of $(9q^2-4q+9) \times (9q^2+5q+7)$ is

- (i) $(83q^4+9q^3+124q^2+17q+63)$ (ii) $(79q^4+9q^3+124q^2+17q+63)$ (iii) $(80q^4+9q^3+124q^2+17q+63)$
(iv) $(81q^4+9q^3+124q^2+17q+63)$ (v) $(82q^4+9q^3+124q^2+17q+63)$

8. The value of $(3u^2-5u) \times (-4u+1) \times (7u^2+4)$ is

- (i) $(-84u^5+161u^4-83u^3+92u^2-20u)$ (ii) $(-86u^5+161u^4-83u^3+92u^2-20u)$
(iii) $(-83u^5+161u^4-83u^3+92u^2-20u)$ (iv) $(-85u^5+161u^4-83u^3+92u^2-20u)$
(v) $(-82u^5+161u^4-83u^3+92u^2-20u)$

9. The value of $\frac{1}{2}c \times \frac{2}{5}c \times \frac{1}{2}c$ is

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

10. The value of $\frac{1}{4}k \times \frac{1}{5}k \times \frac{1}{5} \times \frac{1}{2}k$ is

- (i) $\frac{3}{200}k^3$ (ii) $\frac{1}{202}k^3$ (iii) $(-\frac{1}{200}k^3)$ (iv) $\frac{1}{200}k^3$ (v) $\frac{1}{198}k^3$

11. The value of $\frac{1}{4}t^2 \times \frac{2}{3}t^2$ is

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

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

- (i) $\frac{1}{22}e^4$ (ii) $(-\frac{1}{20}e^4)$ (iii) $\frac{3}{20}e^4$ (iv) $\frac{1}{18}e^4$ (v) $\frac{1}{20}e^4$

Assignment Key

1) (v)

2) (iii)

3) (v)

4) (i)

5) (v)

6) (ii)

7) (iv)

8) (i)

9) (iii)

10) (iv)

11) (iii)

12) (v)