



1. The expanded form of $(-4j)^3$ is

- (i) $(-4j) \times (-4j) \times (-4j) \times (-4j)$ (ii) $(-4j) \times (-4j) \times (-4j)$ (iii) $(-4j)$ (iv) $(-4j) \times (-4j)$
- (v) $(-4j) \times (-4j) \times (-4j) \times (-4j) \times (-4j)$

2. The expanded form of $(\frac{3}{5}t)^3$ is

- (i) $\frac{3}{5}t \times \frac{3}{5}t \times \frac{3}{5}t \times \frac{3}{5}t$ (ii) $\frac{3}{5}t \times \frac{3}{5}t \times \frac{3}{5}t \times \frac{3}{5}t \times \frac{3}{5}t$ (iii) $\frac{3}{5}t$ (iv) $\frac{3}{5}t \times \frac{3}{5}t \times \frac{3}{5}t$ (v) $\frac{3}{5}t \times \frac{3}{5}t$

3. The expanded form of $(4ij)^3$ is

- (i) $4ij \times 4ij$ (ii) $4ij \times 4ij \times 4ij \times 4ij \times 4ij$ (iii) $4ij$ (iv) $4ij \times 4ij \times 4ij \times 4ij$ (v) $4ij \times 4ij \times 4ij$

4. The expanded form of $(\frac{1}{2}no)^3$ is

- (i) $\frac{1}{2}no \times \frac{1}{2}no$ (ii) $\frac{1}{2}no \times \frac{1}{2}no \times \frac{1}{2}no \times \frac{1}{2}no \times \frac{1}{2}no$ (iii) $\frac{1}{2}no \times \frac{1}{2}no \times \frac{1}{2}no \times \frac{1}{2}no$ (iv) $\frac{1}{2}no$ (v) $\frac{1}{2}no \times \frac{1}{2}no \times \frac{1}{2}no$

5. $c^2 =$

- (i) $3 \times c \times c$ (ii) $c \times c \times c$ (iii) c (iv) $c \times c$ (v) $-2 \times c \times c$

6. $19p^3q^4 =$

- (i) $19 \times p \times p \times p \times q \times q \times q \times q$ (ii) $16 \times p \times p \times p \times q \times q \times q \times q$ (iii) $19 \times p \times p \times p \times p \times q \times q \times q \times q$
- (iv) $19 \times p \times p \times p \times q \times q \times q \times q$ (v) $22 \times p \times p \times p \times q \times q \times q \times q$

7. $p^3q^4r^2 =$

- (i) $p \times p \times p \times q \times q \times q \times q \times r \times r$ (ii) $p \times p \times p \times p \times q \times q \times q \times q \times r \times r$ (iii) $p \times p \times q \times q \times q \times q \times r \times r$
- (iv) $3 \times p \times p \times p \times q \times q \times q \times q \times r \times r$ (v) $-2 \times p \times p \times p \times q \times q \times q \times q \times r \times r$

8. $12 \times e \times e \times e \times e =$

- (i) $9e^4$ (ii) $12e^3$ (iii) $12e^5$ (iv) $12e^4$ (v) $14e^4$

9. $5 \times m \times m \times n \times n \times n \times n =$

- (i) $5m^2n^4$ (ii) $3m^2n^4$ (iii) $5m^3n^4$ (iv) $8m^2n^4$ (v) $5mn^4$

10. $h \times h \times h \times h \times i \times i \times i \times j \times j \times j \times j =$

- (i) $h^3i^3j^4$ (ii) $h^4i^3j^4$ (iii) $4h^4i^3j^4$ (iv) $-2h^4i^3j^4$ (v) $h^5i^3j^4$

Assignment Key

1) (ii)

2) (iv)

3) (v)

4) (v)

5) (iv)

6) (iv)

7) (i)

8) (iv)

9) (i)

10) (ii)