



1. The expanded form of $(5c)^3$ is

- (i) $5c \times 5c \times 5c \times 5c \times 5c$ (ii) $5c \times 5c \times 5c \times 5c$ (iii) $5c \times 5c$ (iv) $5c \times 5c \times 5c$ (v) $5c$

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

- (i) $\frac{2}{3}q \times \frac{2}{3}q \times \frac{2}{3}q \times \frac{2}{3}q \times \frac{2}{3}q$ (ii) $\frac{2}{3}q \times \frac{2}{3}q \times \frac{2}{3}q \times \frac{2}{3}q$ (iii) $\frac{2}{3}q \times \frac{2}{3}q$ (iv) $\frac{2}{3}q \times \frac{2}{3}q \times \frac{2}{3}q$ (v) $\frac{2}{3}q$

3. The expanded form of $(-2hi)^3$ is

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

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

- (i) $\frac{2}{3}ij \times \frac{2}{3}ij \times \frac{2}{3}ij \times \frac{2}{3}ij \times \frac{2}{3}ij$ (ii) $\frac{2}{3}ij \times \frac{2}{3}ij \times \frac{2}{3}ij$ (iii) $\frac{2}{3}ij \times \frac{2}{3}ij$ (iv) $\frac{2}{3}ij \times \frac{2}{3}ij \times \frac{2}{3}ij \times \frac{2}{3}ij$ (v) $\frac{2}{3}ij$

5. The expanded form of $(-4mn-n)^3$ is

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

6. The expanded form of $(\frac{1}{3}de + \frac{1}{5}e)^3$ is

- (i) $(\frac{1}{3}de + \frac{1}{5}e) \times (\frac{1}{3}de + \frac{1}{5}e) \times (\frac{1}{3}de + \frac{1}{5}e) \times (\frac{1}{3}de + \frac{1}{5}e)$ (ii) $(\frac{1}{3}de + \frac{1}{5}e)$ (iii) $(\frac{1}{3}de + \frac{1}{5}e) \times (\frac{1}{3}de + \frac{1}{5}e) \times (\frac{1}{3}de + \frac{1}{5}e)$
(iv) $(\frac{1}{3}de + \frac{1}{5}e) \times (\frac{1}{3}de + \frac{1}{5}e)$ (v) $(\frac{1}{3}de + \frac{1}{5}e) \times (\frac{1}{3}de + \frac{1}{5}e) \times (\frac{1}{3}de + \frac{1}{5}e) \times (\frac{1}{3}de + \frac{1}{5}e) \times (\frac{1}{3}de + \frac{1}{5}e)$

7. The expanded form of $(f)^3$ is

- (i) $f \times f \times f \times f$ (ii) f (iii) $f \times f$ (iv) $f \times f \times f$ (v) $f \times f \times f \times f \times f$

8. The expanded form of $(\frac{1}{2}g)^3$ is

- (i) $\frac{1}{2}g \times \frac{1}{2}g$ (ii) $\frac{1}{2}g \times \frac{1}{2}g \times \frac{1}{2}g \times \frac{1}{2}g \times \frac{1}{2}g$ (iii) $\frac{1}{2}g \times \frac{1}{2}g \times \frac{1}{2}g$ (iv) $\frac{1}{2}g$ (v) $\frac{1}{2}g \times \frac{1}{2}g \times \frac{1}{2}g \times \frac{1}{2}g$

9. The expanded form of $(-3cd)^3$ is

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

10. The expanded form of $(\frac{1}{3}ef)^3$ is

- (i) $\frac{1}{3}ef \times \frac{1}{3}ef \times \frac{1}{3}ef$ (ii) $\frac{1}{3}ef \times \frac{1}{3}ef \times \frac{1}{3}ef \times \frac{1}{3}ef$ (iii) $\frac{1}{3}ef \times \frac{1}{3}ef \times \frac{1}{3}ef \times \frac{1}{3}ef \times \frac{1}{3}ef$ (iv) $\frac{1}{3}ef \times \frac{1}{3}ef$ (v) $\frac{1}{3}ef$

11. The expanded form of $(-6mn-3)^3$ is

- (i) $(-6mn-3) \times (-6mn-3)$ (ii) $(-6mn-3) \times (-6mn-3) \times (-6mn-3)$ (iii) $(-6mn-3)$
(iv) $(-6mn-3) \times (-6mn-3) \times (-6mn-3) \times (-6mn-3)$
(v) $(-6mn-3) \times (-6mn-3) \times (-6mn-3) \times (-6mn-3) \times (-6mn-3)$

12. The expanded form of $(\frac{3}{4}ef + \frac{2}{3})^3$ is

- (i) $(\frac{3}{4}ef + \frac{2}{3}) \times (\frac{3}{4}ef + \frac{2}{3}) \times (\frac{3}{4}ef + \frac{2}{3}) \times (\frac{3}{4}ef + \frac{2}{3}) \times (\frac{3}{4}ef + \frac{2}{3})$ (ii) $(\frac{3}{4}ef + \frac{2}{3}) \times (\frac{3}{4}ef + \frac{2}{3}) \times (\frac{3}{4}ef + \frac{2}{3}) \times (\frac{3}{4}ef + \frac{2}{3})$
(iii) $(\frac{3}{4}ef + \frac{2}{3}) \times (\frac{3}{4}ef + \frac{2}{3}) \times (\frac{3}{4}ef + \frac{2}{3})$ (iv) $(\frac{3}{4}ef + \frac{2}{3}) \times (\frac{3}{4}ef + \frac{2}{3})$ (v) $(\frac{3}{4}ef + \frac{2}{3})$

Assignment Key

1) (iv)	2) (iv)	3) (iii)	4) (ii)	5) (iv)	6) (iii)
7) (iv)	8) (iii)	9) (ii)	10) (i)	11) (ii)	12) (iii)