



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

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

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

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

3. The expanded form of  $(lm)^3$  is

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

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

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

5.  $12f^4 =$

- (i)  $12 \times f \times f \times f \times f$  (ii)  $14 \times f \times f \times f \times f$  (iii)  $12 \times f \times f \times f \times f$  (iv)  $12 \times f \times f \times f$  (v)  $10 \times f \times f \times f \times f$

6.  $10p^4q^2 =$

- (i)  $10 \times p \times p \times p \times p \times q \times q$  (ii)  $10 \times p \times p \times p \times q \times q$  (iii)  $7 \times p \times p \times p \times p \times q \times q$  (iv)  $13 \times p \times p \times p \times p \times q \times q$   
 (v)  $10 \times p \times p \times p \times p \times q \times q$

7.  $16j^4k^4l^3 =$

- (i)  $13 \times j \times j \times j \times j \times k \times k \times k \times k \times l \times l \times l$  (ii)  $16 \times j \times j \times j \times k \times k \times k \times k \times l \times l \times l$   
 (iii)  $16 \times j \times j \times j \times j \times k \times k \times k \times k \times l \times l \times l$  (iv)  $19 \times j \times j \times j \times j \times k \times k \times k \times k \times l \times l \times l$   
 (v)  $16 \times j \times j \times j \times j \times k \times k \times k \times k \times l \times l \times l$

8.  $19 \times d \times d \times d \times d =$

- (i)  $21d^4$  (ii)  $19d^5$  (iii)  $16d^4$  (iv)  $19d^4$  (v)  $19d^3$

9.  $d \times d \times d \times d \times e \times e \times e \times e =$

- (i)  $d^3e^4$  (ii)  $4d^4e^4$  (iii)  $d^4e^4$  (iv)  $d^5e^4$  (v)  $-2d^4e^4$

10.  $5 \times g \times g \times g \times g \times h \times h \times h \times i \times i =$

- (i)  $5g^3h^3i^2$  (ii)  $5g^5h^3i^2$  (iii)  $7g^4h^3i^2$  (iv)  $5g^4h^3i^2$  (v)  $3g^4h^3i^2$

## Assignment Key

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