

1. $(3x^4) \times (4x^2)$

- A $7x^6$
- B $7x^8$
- C $12x^6$
- D $3/4 x^6$
- E None of these

2. $(-4w^2x^6y)^2$

- A $16w^4x^{12}y^2$
- B $-16w^2x^8y^2$
- C $-4w^2x^{12}y^2$
- D $8w^4x^{12}y^2$
- E None of these

3. $(-2x^{-3}y)^2$

- A $-2x^6y^2$
- B $-4x^{-6}/y^2$
- C $\frac{4x^3}{y^2}$
- D $\frac{4y^2}{x^6}$
- E None of these

4. $(-3x^{-2})^{-3}$

- A $-x^6/27$
- B $x^6/9$
- C $-3x^2/3$
- D $27x^6$
- E None of these

5. $(6x^2/y^3) \times (y^{-2}x^3/9x^2)$

(A) $6x^2y^3/x^5y^4$

(B) $2x^3/3y^5$

(C) $6x^6/9x^2y^5$

(D) $2x/3x^2y$

(E) None of these

6. $5/8 - 5/12 + 1/6$

(A) $9/16$

(B) $24/3$

(C) $3/8$

(D) $5/8$

(E) None of these