

Like Terms and Exponents

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1. $x^2 + 2x^2 + 3x^2 + 4x^2$

2. $x^2y + y^2z + z^2y + 4x^2y$

3. $-x^2 + x^3 + x^2 + 2x^3 - x^2$

4. $mnp + mnp + mnp + (m^2n^2p^2)^3$

5. $10(zy)^3 + 3z^3y^3$

6. $(xy)^2 + (2yx)^2 + 3(x^2y)^3 - 5x^6y^3$

7. $\frac{4x^5y^8}{x^3y^9} + \frac{2x^5y^8}{x^3y^9} + \frac{3x^7y^{12}}{x^5y^{13}}$

8. $5(mn^3)^2 + \frac{m^2n^8}{n^2} + (2n^2)^3m^2$