

Name : _____

Adding Polynomials

Multi-variable: L2S4

Arrange and add the polynomials.

1) $z + y^2 - \frac{1}{4}x^3y^3 - \frac{3}{7}y$, $-3y^2 - \frac{2}{3}x^3y^3 - \frac{2}{7}y - z - 9$ 2) $\frac{1}{7}b^4c + \frac{3}{4} + \frac{8}{9}bc^3$, $-\frac{4}{9}bc^3 - \frac{1}{7}b^4c - \frac{3}{4}$

3) $n^5 + 4n^2 - n + n^4 + m$

r , $\frac{1}{3}p^2q + 8 + 7qr + 3pq$

5) $\frac{1}{7}w^5 + \frac{4}{7}u^6 + \frac{2}{7}u + \frac{6}{7}$

$t + 2r^4s - 3st^3 + rst - 4r^3$

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7) $abc^4 - a^4 - \frac{5}{6}d^5 - c^3$, $-\frac{3}{5}c^3 - \frac{1}{2} - \frac{2}{5}abc^4 - \frac{1}{4}a^4$ 8) $-\frac{3}{8}g^2h + 9 - \frac{4}{5}g^2 + \frac{2}{9}k$, $\frac{3}{5}g^2 - 9 + \frac{3}{8}g^2h$