

Name : _____

Subtracting Polynomials

Multi-variable: L2S3

Arrange and subtract the polynomials.

1) $(4g^2 + g^5 - h^4 + 8 - 5h^3) - (g^5 - 5h^3 + 8 - h^4 + 4g^2)$ 2) $\left(\frac{7}{8}u^6 - \frac{2}{5}v + \frac{5}{7}vw^4\right) - \left(\frac{1}{2}v^5 + \frac{4}{7}vw^4 - \frac{7}{9}u^2\right)$

3) $\left(\frac{4}{5}t^3u^3v - \frac{1}{2}u^3 - \frac{1}{8}t^4 - \right.$

PREVIEW

$\left. - \left(-\frac{1}{7}n^2 - \frac{3}{4} - mn^2 - n^3 - n\right)\right)$

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5) $\left(-\frac{3}{5}pqr - 2p - \frac{4}{5}pq - \right.$

$\left. + rs^3\right) - \left(r^2 + r^5s + \frac{1}{4}s^4 - rs^3\right)$

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7) $\left(\frac{2}{5}x^2y^3 + 2z + \frac{5}{6}xy^3\right) - \left(\frac{3}{4}x^2y^3 + 6z + \frac{1}{9}x + xy^3\right)$ 8) $\left(b^4 - 7b^4c + \frac{1}{7} - 6a^3 - d^2\right) - (b^4 - d^2 - 6a^3)$