

Name : _____

Subtracting Polynomials

Multi-variable: L2S3

Subtract the polynomials.

1) $\left(-\frac{3}{8}g^3h - 4g^5 - 2h^6 - \frac{5}{8}h - 3\right) - \left(-\frac{5}{8}h - 9g^5 - 3\right)$ 2) $(5x^3yz + x^2 - y + x + 4) - (1 - 3x^2 + x - x^3yz + y)$

3) $\left(\frac{1}{2}c^4d - \frac{8}{9}cd - \frac{4}{5}\right) - \left(-\frac{6}{7}q + 10p + \frac{2}{9}pq\right)$

5) $\left(3mn^2 + \frac{5}{6}m^2 - m\right) - \left(\frac{4}{7}m^2 - \frac{2}{5}b\right) - \left(\frac{1}{5}a^6b - 3a - 4b^3 - 7\right)$

7) $\left(-\frac{4}{9}w^5 - \frac{1}{6}u^6 - uvw - \frac{3}{7}v^3\right) - \left(4u^6 + 7w^5 + \frac{1}{9}uvw\right)$ 8) $(s^4 + 8rst^2 + 9t^3 + t + 3r) - \left(2r + \frac{1}{3}s^4 + \frac{2}{3}t^3 + 6t\right)$

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