

Name : _____

Subtracting Polynomials

Multi-variable: L2S4

Arrange and subtract the polynomials.

1) $\left(\frac{1}{2}mn + 4n + \frac{6}{7}m^2n - \frac{2}{3}\right) - \left(4n + \frac{1}{7}m^2n - mn\right)$ 2) $(x^5 + z^3 + 9y^4) - \left(-\frac{3}{7}w^4 + z^3 + 9y^4 + x^5 + xy^2z\right)$

3) $\left(\frac{2}{5} + gh + \frac{4}{5}g^3h + h^6 + \dots\right) - \left(\frac{2}{5}q + \frac{1}{2}p^4 + \frac{3}{4}p^3 + \frac{4}{9}r\right)$

5) $\left(\frac{1}{6}r^2s^2t^2 + r^3s^4 + \frac{2}{3}s^3\right) - \left(5 - \frac{5}{8}abc + \frac{3}{8}b^2 + 2ab\right)$

7) $\left(\frac{7}{9}c^4 + \frac{5}{9}d - c^3 - cd^2 - d^4\right) - \left(\frac{5}{9} + cd^2 + d^4 - \frac{1}{9}d\right)$ 8) $(-t^5 - 2v^3 - 6u - 7u^4) - (-u - 2t^5 - v^3 - u^4 - 4tu^5)$

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