

Name : _____

Subtracting Polynomials

Multi-variable: L2S4

Subtract the polynomials.

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

3) $\left(-\frac{5}{6}vw^3x^5 - x - \frac{1}{5}w - 7\right) - \left(x + 2y + 8z^2 + \frac{2}{3}y^4 + z\right)$

5) $\left(-\frac{5}{7}pqr^3 + 10r^5 - \frac{1}{7}p^4q\right) - \left(n^2 + m - m^5 - 1 + 6n\right)$

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

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