

Name : _____

Subtracting Polynomials

Multi-variable: L2S1

Subtract the polynomials.

1) $\left(\frac{2}{3}ab^5 - 6a^3b + \frac{3}{8}b^3\right) - \left(3ab^5 + \frac{1}{3}a^3b + \frac{5}{6}b^3 + b^2\right)$ 2) $\left(\frac{2}{5}n^6 - \frac{1}{5}n + \frac{4}{5}m^4 + 6\right) - \left(8m^4 - 5m + 2n^6 - \frac{3}{5}\right)$

3) $\left(9z + 5y + \frac{1}{6}x\right) - \left(2xy + \dots\right) + t) - \left(\frac{5}{8}t^5 + s^5 - s^3t^2 - s + t\right)$

5) $\left(\frac{3}{4}uvw^2 - \frac{3}{8}v^5 - \frac{1}{2}u^6 - \dots\right) + r^2r^4) - \left(\frac{5}{7}pq^3r + \frac{7}{9}q^2r^4 - 3p^4\right)$

7) $(-g - h^2 - 2h - 13g^3) - (-3g - 13g^3 - 9 - 7h^2 - 2h)$ 8) $\left(\frac{3}{5}c^4 - \frac{3}{7}cd + 7 + \frac{1}{2}c - d^2\right) - \left(-\frac{4}{7}cd - d^2 - c^4\right)$

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