

Name : \_\_\_\_\_

## Subtracting Polynomials

Multi-variable: L2S5

Arrange and subtract the polynomials.

1)  $\left(\frac{4}{9}b^3 + a + \frac{3}{5}c^2 + d^4 + \frac{2}{3}\right) - \left(d^4 + \frac{4}{9}b^3 + a + \frac{3}{5}c^2\right)$     2)  $\left(8u^5 - \frac{1}{3}v^2 + \frac{1}{2}t^6 + 9\right) - (-t^4u + t^6 + 34u^5 - 25t)$

3)  $\left(mn^2 + \frac{3}{4}m^6 + n\right) - \left(\frac{1}{4} + s\right) - (6r^3 - s - q - q^5 + qr^6s)$

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

7)  $\left(-p^3 + \frac{1}{3}p - \frac{4}{5}pq^2\right) - \left(-\frac{4}{5}pq^2 - \frac{1}{2}p^3 - \frac{2}{3}p + 18\right)$     8)  $\left(\frac{5}{6}x^5 + \frac{4}{7}z^2 - \frac{3}{5}y^4 - \frac{7}{9}y\right) - \left(\frac{1}{3}x^5 + \frac{4}{7}z^2 - \frac{2}{5}y^4\right)$

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