

Name : _____

Subtracting Polynomials

Multi-variable: L2S1

Arrange and subtract the polynomials.

1) $\left(p^3 + \frac{4}{5}q^4r + \frac{1}{3}r^4 - q^2\right) - \left(\frac{4}{5}q^4r - p^3 + \frac{2}{3}r^4 - \frac{1}{7}q^2\right)$ 2) $\left(-\frac{1}{2}c^4 - a - b^2\right) - \left(-a - b^2 - \frac{1}{2}c^4 - 9 - abc\right)$

3) $\left(\frac{4}{9}uv + \frac{2}{7}v^3w + \frac{1}{6}w^2\right)$

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5) $\left(\frac{1}{5}bc^4 + 6 + \frac{3}{4}c + b^3 +\right)$

$- 29) - \left(g^2h^2 + 3g + \frac{5}{8}gh\right)$

$(z) - (xy^5 - 7y^6 - y^2 - z^3 - yz)$

7) $\left(\frac{7}{8}m^2 - \frac{8}{9} - \frac{1}{3}n\right) - \left(-\frac{8}{9} + \frac{1}{4}n - \frac{7}{8}m^2\right)$

8) $\left(-\frac{1}{3}st^2u + s + \frac{6}{7} - \frac{1}{5}t^5 + u\right) - \left(\frac{3}{7} - 3t^5 + u + s\right)$