

Name : _____

Subtracting Polynomials

Single-variable: L2S5

Arrange and subtract the polynomials.

1) $\left(\frac{3}{8}z^2 - z^5 + \frac{1}{8}z^4 + z\right) - \left(\frac{7}{8}z^2 - z^5 - \frac{1}{8}z^4 - 5z + \frac{5}{8}z^3\right)$ 2) $\left(-\frac{3}{5}p^3 - p - \frac{2}{5}p^4 - p^2 - 7\right) - (-7 + 2p^3 - p - p^2)$

3) $\left(\frac{5}{6}n - \frac{1}{5}n^3 - n^2 + 18\right) - \left(-\frac{1}{6}x^3 - \frac{2}{7}x - \frac{4}{9}x^5 - \frac{4}{7}x^6\right)$

5) $(-v^5 - 3v^2 + 5v - v^4 + 4v) + 3d^4) - (3d^5 + 7d^6 + d^3)$

7) $\left(s + \frac{5}{9} + s^3 + \frac{2}{3}s^2 + s^4\right) - \left(\frac{2}{3}s^2 + s + s^3 - \frac{4}{9} + s^4\right)$ 8) $\left(\frac{3}{4}m^2 - m^4 + \frac{1}{4}\right) - \left(-m^4 + 5 - \frac{1}{4}m^2\right)$

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