

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

## Subtracting Polynomials

Single-variable: L2S5

Subtract the polynomials.

1)  $\left(2 + \frac{5}{8}c^3 - 9c^2 - \frac{1}{6}c\right) - \left(\frac{1}{6}c + \frac{1}{5}c^2 - 4c^3\right)$

2)  $\left(-\frac{5}{9}g^3 - 3g^6 - g^4 - \frac{1}{9}g - g^2\right) - \left(-3g - g^3 - \frac{3}{5}g^4\right)$

3)  $(v^5 + v^4 - v^3 - 1 + v^2) -$

# PREVIEW

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

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5)  $\left(-\frac{4}{7}s^5 + \frac{5}{6}s^2 + \frac{3}{5}s^3\right) -$

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$y^2 + 4 + 8y^3 + 9y + 7y^6)$

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

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

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