

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

## Subtracting Polynomials

Multi-variable: L1S1

Subtract the polynomials.

1)  $(7c^3d^2 + 2bc^2d + ab) - (-4c^3d^2 + ab - 7bc^2d)$       2)  $(15xy + 6x + 4y + z + 1) - (11 + 3x + 8xy + y)$

3)  $(9m^6 - 1 - mn^4 + 10n^2) - (10n^2 + 9m^6 - mn^4 - 1)$       4)  $(-4s^2t^3 - 6s - 18 - s^2t^2u^2) - (s^2t^2u^2 - 4s^2t^3 - 14)$

5)  $(6p^4 - 2r^6 - 3q^2 + s^3 - r^2) - (q^2 + r^4 + 5p^4 - r^6 - s^3)$       6)  $(b - 6c + a^3b + abc) - (-6a - abc - c - 7b - a^3b)$

7)  $(-8gh^3 - 20g^5h - 2) - (-12g^5h - 3g - 35gh^3 - 32)$       8)  $(7w^3 - v^4 + 9u^3) - (7w^3 - 5uv + 2v^4 - u^3 - u^4)$