

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

## Subtracting Polynomials

Multi-variable: L1S4

Arrange and subtract the polynomials.

$$1) \quad (3q^2r^3 + q^6 + p^3qr + 2) - (p^6 + 2 + q^2r^3 + q^6 - p^3qr) \quad 2) \quad (xy^4z^2 - z^4 - 3 + x^3y + xy) - (-3 - 6y^3 - xy - 8x^2)$$

$$3) \quad (6uv^5 - 16s - 32s^2t^2u^3)$$

$$(13cd^3 + 4c + 2d + 5 + 6d^3)$$

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$$5) \quad (5n^2 - 12 - 11mn + 7m)$$

$$g + 6) - (-4g^2 - 18g - 5h^2)$$

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$$7) \quad (-x - vwx - 9v - w - x^4) - (x + w + 2x^4 + v + vwx) \quad 8) \quad (-29a + 20 + 23b) - (-11ab + 20 - 29a + 23b)$$