

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

## Subtracting Polynomials

Multi-variable: L2S5

Subtract the polynomials.

$$1) \left( \frac{3}{4}p^6 + \frac{1}{4}pqr + q^4 + 2 + q \right) - \left( \frac{3}{4}p^6 + q + q^4 + 3 \right) \quad 2) \left( \frac{2}{3}w + \frac{3}{7}tuv^5 + \frac{1}{6}u^2v \right) - \left( \frac{3}{7}tuv^5 - \frac{1}{2}u^2v + \frac{2}{3}w \right)$$

$$3) (s^2t^4 - 6r^4 - rs^4 + 8s^4) -$$

# PREVIEW

$$- \left( c^3 - 9 - 5d^3 + \frac{1}{7}d + c \right)$$

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$$5) (-11b - 6a^2bc^3 - a^6 - 5b$$

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$$- \left( -g - \frac{7}{9}g^4h - \frac{1}{3}h - \frac{2}{7}gh^5 \right)$$

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$$7) \left( \frac{5}{7}y - x - yz - \frac{2}{5} + \frac{4}{5}z \right) - \left( -yz + \frac{4}{5}z + \frac{5}{7}y - x - \frac{4}{7} \right) \quad 8) \left( \frac{2}{5}n^2 + m^2 - m \right) - \left( \frac{1}{9}n^3 - \frac{1}{5}m - \frac{3}{8}m^2 - \frac{2}{9}n - \frac{1}{3} \right)$$