

Name : _____

Adding Polynomials

Multi-variable: L2S3

Add the polynomials.

$$1) \quad \frac{5}{7}v^3 - \frac{3}{5}u + v, \quad -\frac{1}{4}uv^2 - \frac{4}{7}u - \frac{6}{7}v^3 - v - \frac{1}{6}uv$$

$$2) \quad \frac{1}{3}m + \frac{3}{4}n^4 - n - 5, \quad n + 5 - \frac{3}{4}n^4 - mn - \frac{1}{3}m$$

$$3) \quad \frac{2}{5} - \frac{2}{9}g^2 - \frac{7}{8}k - \frac{3}{7}g -$$

$$\frac{1}{3} - \frac{1}{9}z^2, \quad \frac{8}{9} + \frac{7}{9}x + \frac{1}{9}z^2$$

$$5) \quad -9a^6b - abc + 13 + 4b$$

$$5, \quad qr^6s + \frac{1}{2}s^6 + 19s^5 + 11q$$

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$$7) \quad 27pq^2 + \frac{5}{8}p^3q^2 - \frac{1}{8}, \quad -\frac{5}{8}p^3q^2 - 27pq^2 + \frac{1}{8}$$

$$8) \quad -2t - uv^2w^4 - 7u^3, \quad -9w^4 - 18 - \frac{2}{3}t - 9uv^2w^4$$