

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

## Adding Polynomials

Multi-variable: L2S5

Add the polynomials.

$$1) \quad -\frac{3}{4}xyz + \frac{2}{7}x^2 - \frac{1}{5} - \frac{1}{6}xy, \quad -\frac{2}{7}x^2 + 2xy + \frac{7}{9}z^6$$

$$2) \quad \frac{1}{8}h - \frac{3}{7}k^4 + \frac{5}{6}gh^5, \quad \frac{3}{7}k^4 - \frac{5}{6}gh^5 - \frac{1}{8}h - k^5$$

$$3) \quad -\frac{2}{9}s^2 - \frac{5}{9}t^2 - \frac{4}{9} - \frac{8}{9}t -$$

$$\cdot, \quad uv^3 - u + 4u^5v + 9w + \frac{1}{7}$$

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$$5) \quad -6 - 9p^2q^2r^2 - pq^5 - 3p^2$$

$$n^5, \quad -12n^5 - \frac{2}{3}n - 9m^4n^4$$

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$$7) \quad 40r^6 + \frac{4}{7}s^4 + \frac{5}{8}r + \frac{1}{2}r^4s + 5, \quad 8 - \frac{5}{8}r + \frac{2}{5}rs - 2r^6 \quad 8) \quad \frac{1}{4}a + \frac{1}{3}d - b^2, \quad \frac{4}{5}b + a^4 + 2c^5 - \frac{1}{4}a + d^3$$