

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

## Adding Polynomials

Multi-variable: L2S5

Arrange and add the polynomials.

1)  $-\frac{1}{4}st - \frac{2}{3}u - \frac{3}{8} - \frac{5}{9}stu$  ,  $-\frac{4}{9}stu - \frac{1}{8} - \frac{1}{6}st$

2)  $\frac{3}{7}g^5 - k^6 + 5h^4$  ,  $h^4 - h^3 + \frac{1}{2}k^6 + \frac{4}{7}g^5 - \frac{8}{9}$

3)  $2yz + z^4 - \frac{5}{8}w^2xy + 8 -$

$mn^4 + m^3 + 5m^4 + \frac{2}{5}$

5)  $\frac{3}{4} + r + \frac{6}{7}q + 4p^5q + \frac{2}{7}$

$+ u$  ,  $-5 - 3v^5 - t - 3tuv^2 - u$

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7)  $v^3 + \frac{4}{5}w - 2w^3 + v$  ,  $\frac{2}{5}v^3 - \frac{4}{5}v^3w^2 + \frac{3}{5}v^4 + \frac{1}{5}w$

8)  $-\frac{1}{2}cd^4 - \frac{7}{9}a^5b^3 + \frac{2}{9}$  ,  $\frac{1}{3} + a^5b^3 + \frac{5}{6}cd^4$