

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

## Adding Polynomials

Single-variable: L2S3

Arrange and add the polynomials.

1)  $\frac{1}{6}z^3 - \frac{3}{8} - \frac{3}{5}z^4 + \frac{4}{9}z^2 - 7z$  ,  $7z + \frac{3}{8} - \frac{1}{6}z^3 + \frac{3}{5}z^4$       2)  $2 - \frac{1}{8}u^5 + 2u^6 - \frac{3}{4}u^3$  ,  $\frac{7}{8}u^5 - 8 - u^6 + 9u^4 + u^3$

3)  $-3w^4 - \frac{8}{9}w^3 - \frac{1}{7}w$  , -  $\frac{3}{7} + \frac{4}{7}r + \frac{1}{3}r^5 + \frac{5}{9}r^4$

5)  $\frac{4}{5}a + \frac{3}{4}a^4 + a^5 + 7a^3 +$   $^3 + \frac{2}{3}n^4 - 2n^2$

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

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