

Name : _____

Adding Polynomials

Single-variable: L2S5

Arrange and add the polynomials.

1) $-5p^4 + \frac{3}{8}p^6 - p^3 + 6p - \frac{5}{6}p^2$, $p^4 + 2p^6 + p + 9p^3$ 2) $b^3 + 2b^5 + 9b^4 - 21 + b$, $-2b^5 - 9b^4 - b^3$

3) $26 + \frac{3}{5}y + 2y^2$, $\frac{2}{5}y^2 -$

4 , $\frac{1}{3}u^4 + u^3 - 8u^2 + u^6$

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5) $-\frac{7}{9}g^3 - \frac{1}{2}g^4 - \frac{2}{9} - \frac{5}{8}g$

$\frac{5}{8}c - \frac{8}{9} - \frac{3}{4}c^4 - c^3 - 2c^2$

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7) $\frac{6}{7}v^5 - v^2 - 2v^3 - \frac{5}{7}v$, $-7v^3 - v^5 + \frac{2}{7}v - v^4 + 31$

8) $\frac{1}{5}t + \frac{2}{7}t^3 + t^4 + \frac{1}{8}t^2$, $-t^4 - \frac{2}{5}t - \frac{7}{8}t^2$