

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

## Adding Polynomials

Single-variable: L2S1

Arrange and add the polynomials.

$$1) \quad \frac{3}{4}n^3 - 4n^4 + \frac{1}{3}n^2, \quad \frac{2}{3}n^2 + n^4 + \frac{1}{4}n^3 - 17n$$

$$2) \quad -p^5 - \frac{5}{6}p^2 - p^3 - 7, \quad -\frac{2}{5}p^3 - \frac{1}{4}p^2 - \frac{5}{8}p^5 - \frac{4}{5}$$

$$3) \quad -\frac{2}{3}s^2 - \frac{4}{5}s^4 - \frac{7}{8}s^6 + s^5$$

$$\frac{4}{9}a^3 + \frac{5}{9} - \frac{1}{9}a$$

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$$5) \quad \frac{1}{6}y + 8y^3 - 5y^2 - 4, \quad 5y^3 - 4y^2 + 3y - 1$$

$$+ 4t, \quad -2t^4 - t^6 - 5t - t^2 - 2t^3$$

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

$$8) \quad \frac{3}{7}u^4 + \frac{5}{7}u + \frac{4}{7}u^2, \quad \frac{6}{7}u^2 + u^3 + u^4 + 2 + \frac{2}{7}u$$