

# Why is an Idea Like the Pacific?

For each exercise below, add the polynomials. Find your answer at the bottom of the page and write the letter of that exercise above it.

Ⓓ  $6x + 9$

$\frac{x - 1}{x - 1}$

Ⓘ  $3x - 4$

$\frac{5x - 7}{x - 7}$

Ⓞ  $8x^2 + 2x + 1$

$\frac{x^2 - 4x + 7}{x^2 - 4x + 7}$

Ⓢ  $-5x^2 - 5x + 3$

$\frac{6x^2 - x}{6x^2 - x}$

Ⓝ  $(7x^2 + 3x + 9) + (2x^2 + 5x - 2)$

Ⓤ  $(-3x^2 + x - 7) + (8x^2 - 4x - 4)$

Ⓘ  $(6x^3 + 2x^2 - 3x) + (3x^3 - 10x^2 - x)$

Ⓙ  $(-4x^3 + 6x + 1) + (5x^2 - x - 12)$

Ⓞ  $(9x^3 - x^2 + 8) + (-9x^3 + 2x^2 + 3x)$

Ⓢ  $(2x^4 + 5x^2 - 11) + (-6x^4 - 7x^2 + 1)$

Ⓝ  $(-4x^4 + 3x^3 - 7x^2 - x) + (-9x^3 + 7x^2 - 5x - 1)$

Ⓤ  $(4x^2 + 3xy - y^2) + (x^2 - 8xy - 2y^2)$

Ⓙ  $(2x^2y - xy^2) + (6x^2y + 7xy^2)$

Ⓞ  $(x^3y + 3x^2y^2 + 2xy^3) + (2x^3y - 9x^2y^2 - xy^3)$