

Name _____ Date _____

Algebra
Unit 1 Line Master 6

Adding and Subtracting Polynomials

1. Add or subtract.

a) $2x^2 + x + 2y - 1 + (y^2 + 3y - 2x + 3)$

b) $2x^2 + x + 2y - 1 - (y^2 + 3y - 2x + 3)$

2. Switch the order of the polynomials in questions 1a and 1b, then add or subtract.
Does the answer stay the same?

Does $a + b = b + a$?

Does $a - b = b - a$?

Show your thinking.