**Adding and Subtracting Polynomials**

**Patterns and Relations**

**Unit 1 Line Master 4**

1.Add or subtract.

1. 2*x*2 + *x* + 2*y* − 1 + (*y*2 + 3*y* − 2*x* + 3)
2. 2*x*2 + *x* + 2*y* − 1 – (*y*2 + 3*y* − 2*x* + 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.