**#1 Adding and Subtracting Polynomials**

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| Adding Polynomials |
| (4x2 – x + 4) + (2x2 + 5x + 2) |
| Problem | Steps |
|  | 1. |
|  | 2. |
|  | 3. |
| Subtracting Polynomials |
| (6p + 4p2 + 5) – (2p2 – 5p + 1) |
| Problem | Steps |
|  | 1. |
|  | 2. |
|  | 3. |


TEAM PRACTICE
1. Find the perimeter of a rectangle 2. Find the perimeter of a triangle 3. Find the perimeter of
with a width of 2x2y + 7x with the following three sides: the following pentagon:
and a length of 9x2y + 2x. 2r3 + xy, 5r3 + 3xy, and 10r3 + 2xy.

PARTNER PRACTICE
Juan is given the task of simplifying the expression (5x2 – 8x +3) – (2x2 + 6x – 2). He comes up with the answer 3x2 – 2x + 5. What is wrong with his answer? Correct his mistake.

INDIVIDUAL PRACTICE
Mr. Santos wants to build a fence around his garden. His yard is (5x2 – 7x + 14) feet wide and (6x2 – 11x + 20) feet long. How much fencing (in terms of x) does he need to buy? Explain your answer.