

BE-Algebra Thursday 8-27-09

Simplify, EVALUATE if $x = \frac{1}{2}$, $y = -1$

① $6(3x + 2y - y) + 4(-2x - 1) + 3$

$$6(3x + 2y - y) + 4(-2x - 1) + 3$$

$$6(3x + y) - 8x - 4 + 3$$

$$\underline{18x + 6y} - \underline{8x - 1}$$

$$\boxed{10x + 6y - 1} \quad \text{if } x = \frac{1}{2} \\ y = -1$$

$$10\left(\frac{1}{2}\right) + 6(-1) - 1$$

$$5 - 6 - 1 = \boxed{-2}$$

- IGW Q1 HW2 Worksheet 1-5
2-sides! Follow instructions.