

Name _____

Simplifying Expressions

Combine the like terms and Simplify the Expressions.

$$1) 5x^2 + 3y - 2x^2 + 4y = \underline{3x^2 + 7y}$$

$$2) 6a + 4b - 3a + 2b = \underline{3a + 6b}$$

$$3) 8m^3 + 2n - 5m^3 + 3n = \underline{3m^3 + 5n}$$

$$4) 7p + 5q - 2p + q - 3q = \underline{5p + 3q}$$

$$5) 4r^2 + 6s - r^2 + 2s - 3r^2 = \underline{8s}$$

$$6) 9x + 3y - 4x + y - 2y = \underline{5x + 2y}$$

$$7) 10a^2 + 7b - 3a^2 + 2b - b = \underline{7a^2 + 8b}$$

$$8) 11c + 5d^3 - 6c + 2d^3 = \underline{5c + 7d^3}$$

$$9) 8m + 4n^2 - 3m + n^2 + 2n^2 = \underline{5m + 7n^2}$$

$$10) 6p^4 + 2q - 4p^4 + 3q = \underline{2p^4 + 5q}$$

$$11) 7r + 3s^2 - 2r + s^2 - 4s^2 = \underline{5r}$$

$$12) 5x^3 + 6y - 3x^3 + y = \underline{2x^3 + 7y}$$

$$13) 9a^2 + 3b^4 - 4a^2 + b^4 = \underline{5a^2 + 4b^4}$$

$$14) 4c + 2d^3 - c + d^3 + 3c = \underline{6c + 3d^3}$$

$$15) 8m^2 + 6n - 5m^2 + 4n - n = \underline{3m^2 + 9n}$$