

Name _____

Monomials from Polynomials

Subtract the Polynomials.

1) $4x^2 - x + 3$ from $3x^2 + 2x + 5$	= <u>$-x^2 + 3x + 2$</u>
2) $2y^2 + 4y - 2$ from $5y^2 - 3y + 7$	= <u>$3y^2 - 7y + 9$</u>
3) $-4a^3 + a^2 - 5$ from $6a^3 - 2a^2 + 3$	= <u>$10a^3 - 3a^2 + 8$</u>
4) $3b^2 - 2b + 7$ from $8b^2 + 6b - 4$	= <u>$5b^2 + 8b - 11$</u>
5) $c^3 - 2c^2 + c - 5$ from $2c^3 + c^2 - 3c + 4$	= <u>$3c^2 - 4c + 9$</u>
6) $5m^2 + 3m - 2$ from $7m^2 - 4m + 6$	= <u>$2m^2 - 7m + 8$</u>
7) $3p^3 + 4p^2 + p - 6$ from $9p^3 + 2p^2 - p + 1$	= <u>$6p^3 - 2p^2 - 2p + 7$</u>
8) $2x^2 - x + 3$ from $4x^2 + 2x - 5$	= <u>$2x^2 + 3x - 8$</u>
9) $7y^3 + 2y^2 - 6$ from $5y^3 - 3y^2 + 2$	= <u>$-2y^3 - 5y^2 + 8$</u>
10) $3a^2 + 2a - 1$ from $6a^2 - a + 4$	= <u>$3a^2 - 3a + 5$</u>
11) $-4b^3 + b - 7$ from $8b^3 - 5b + 2$	= <u>$12b^3 - 6b + 9$</u>
12) $c^2 - 4c + 9$ from $2c^2 + 3c - 6$	= <u>$c^2 + 7c - 15$</u>
13) $5m^2 - 3m + 1$ from $3m^2 + 2m - 4$	= <u>$-2m^2 + 5m - 5$</u>
14) $6p - 3$ from $9p + 7$	= <u>$3p + 10$</u>
15) $5m^2 + m - 4$ from $2m^2 - 3m + 7$	= <u>$-3m^2 - 4m + 11$</u>