

Name: _____

Math is Gold

Date: _____

Topic: Product of monomial and a polynomial

(id:poly_mono_poly_A.1)

Title: Simplify

1) $p(p^3 - p^2 - p - 1)$

2) $-q(-q^3 - 2q^2 - 7q)$

3) $2s(3s^3 - 4s^2 - s)$

4) $9z(2z^3 - 5z^2 - 7)$

5) $-2k(5k^3 - k^2 - k + 1)$

6) $x^2(4x^3 - 5x^2 - 11x + 2)$

$$7) -y^2(5y^3 - 11y^2 - 4y + 1)$$

$$8) -p^2(-p^3 - p^2 - p - 1)$$

$$9) 2c^2(4c^3 - 5c^2 - 7c + 3)$$

$$10) 5m^2(7m^3 - 5m^2 - 6m - 9)$$

$$11) a^3(6a^3 - 7a^2 - 5a + 1)$$

$$12) -2b^3(7b^3 - 4b^2 - b - 10)$$

$$13) -d^3(-d^3 + d^2 - d - 1)$$

$$14) 7p^3(p^3 - 2p^2 - 3p)$$

$$15) 11n^3(n^3 - 5n^2 - 1)$$