



Name _____ Date _____ Period _____

CLASSIFYING POLYNOMIAL EXPRESSIONS WORKSHEET

Name each polynomial by degree and number of terms.

1) $-5n^4 + 10n - 8$

2) $9n + 10$

3) $6x$

4) $5a^2 - 2a + 1$

5) $8p^7 - 5p^5 - 2p^3 + p + 9$

6) $3y^5 - 8y^2 + 5y - 1$

7) 12

8) $2a^3 - a^2$

Write the polynomial in standard form and identify the degree of the polynomial.

9) $25x^6 - 3x^2 + 7x^5 + 15x^8$

10) $15x^5 - 2x^2y^2 - 7x^4y + x^3y$

11) $7x^2 - 11x^4 + 8 - 2x^5$

12) $8 - 6w - 12w - 8w^2 - 7 - 3w^3$

13) $7m^2 - m + 8m^4 + 6m^3$

14) $3a^3b^2 - a^4 + 4ab^5 + 9a^2b - 12$