

Assignment

Date _____ Period _____

Put the following polynomials in standard form.

1) $7n^4 - 6n + 7n^5 - 10n^2$

2) $6v^2 - 3v^4$

3) $6 + 2v$

4) $-2 + 6n^2 + 8n$

5) $10k^2 + k^3 - 5 - 2k$

6) $6 - 3n + 9n^2$

Name each polynomial by degree and number of terms.

7) $8a^3 + 6a^2 - 7a + 8$

8) $6b^4 + 3b^2$

9) $9b^2 + 10b - 2$

Put each polynomial in standard form, then name the polynomial by degree and number of terms

10) $2r - 9r^2 - 3r^3$

11) $8v - 8 + 9v^2$

12) $-10n^3 + 6n - n^4$

Answers to Assignment (ID: 1)

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|---------------------------------------|-------------------------------------|------------------------|
| 1) quintic polynomial with four terms | 2) quartic binomial | 3) linear binomial |
| 4) quadratic trinomial | 5) cubic polynomial with four terms | 6) quadratic trinomial |
| 7) cubic polynomial with four terms | 8) quartic binomial | 9) quadratic trinomial |
| 10) cubic trinomial | 11) quadratic trinomial | 12) quartic trinomial |