

Polynomial Review

Date _____ Period _____

Simplify each expression.

1) $(5v^2 + 2v + 2v^4) - (4v^4 + 2v^2 - 6v)$

2) $(7m^4 - 3 - 4m^3) - (5m^3 + 4m^2 - 6)$

Simplify each sum.

3) $(8n^2 + 8 + 5n^4) + (6n^2 - 8 + 4n^4)$

polynomial by degree and number of terms.

Name each

$4x^4 + 9x$

16) $9x^2 - 10x^4 + 4x + 10x^5$

15) $-9x^3 -$

x^4

18) $10n^2$

17) $-5x^5 -$