

HW #9 Adding Polynomials

Date _____ Period _____

Simplify each sum.

1) $(7a^3 + 3a^4) + (4a^3 - 6a^4)$

2) $(r^2 - 6r^3) + (6r^2 - 2r^3)$

3) $(7a^3 + 8a^2) + (7a^2 - 4a^3)$

4) $(5m^4 - 7m) + (m + m^4)$

5) $(1 + 4m^3 + m) + (2m^2 + 3 + 6m)$

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

7) $(6x^2 + 5x^3 - 7x) + (8x^3 + 8x + 5x^2)$

8) $(2p^4 - 5p + 6p^2) + (2p^2 + 7p^3 + 5p^4)$