

Multiplying Polynomials

Multiply the following.

1) $3u^4(3u^2 + 5u - 7u^5 + 12)$

2) $-5x^2(-4x^6 + 8x^4 + 10)$

3) $7a^5(-4a - 6a^3)$

4) $9w(-2w^3 + 6w^5 - 7w^2)$

5) $-s^6(1 + 17s^6)$

6) $8y^3(y^4 + 11)$

7) $-b^2(4b^6 + 8b^4 + 2b + 9)$

8) $10(7m^5 - 3 - m^3)$