Multiplying Polynomials

Multiply the polynomials.

1) $(1 + 2c^6 - 3c^5)(9c^5 - 7c^6)$

2) $(4z^4 - 2z^2)(16z^6 + 8z^4 + 4z^2 + 10)$

3) $\left(\dfrac{2}{5}k^6 + k^5 - 2k^4 + \dfrac{1}{2}\right.$ ... $\left. + 2w^2\right)$

5) $(-8g^3 + 1 - 4g^5 + 2g$ ... $2d^4 + 8 + 4d^2)$

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

8) $\left(-\dfrac{1}{4}v + \dfrac{5}{2}\right)\left(4v^4 + 8v^5 - \dfrac{4}{5}v^6\right)$