

Multiplying Three Mon/Polynomials (G)

Simplify each expression.

$$1. \ 6p^2(-2p^3 + 5p^2)(8p^5 + 4p^4 + 3p^3)$$

$$2. \ -4r^4(-4r^5 - 5r^4)(-r^4 - 8r^3 + 3r^2)$$

$$3. \ (-8s^5 + 9s^4)(5s^4 + 4s^3 - 2s^2)(-3s - 5)$$

$$4. \ (-2c^3 + c^2 + 8c)(8c^2 - 8c + 1)(-2c^4 - 3c^3)$$

$$5. \ (6w^4 - 8w^3)(-4w^4 + 3w^3 - w^2)(-4w^5 - w^4)$$