

Student Name: _____

Score: _____

Answers

$$1. (2p^3 + 5p^2 - 4) \times (3p + 1) = 6p^4 + 17p^3 + 5p^2 - 12p - 4$$

$$2. (p^2 + 5p + 2) \times (3p^2 + p) = 3p^4 + 16p^3 + 11p^2 + 2p$$

$$3. (q^4 - 3q^3 + 1) \times (-q^2) = -q^6 + 3q^5 - q^2$$

$$4. (-s^2 + 5) \times (s^3 - 7) = -s^5 + 5s^3 + 7s^2 - 35$$

$$5. (2s + 3) \times (s^2 + 4s + 3) = 2s^3 + 11s^2 + 18s + 9$$

$$6. (x^3 + 2x^2) \times (7x + 4) = 7x^4 + 18x^3 + 8x^2$$

$$7. (t^2 - 3t + 5) \times (t - 1) = t^3 - 4t^2 + 8t - 5$$

$$8. (5y^2 - 3) \times (y^3 + 2) = 5y^5 - 3y^3 + 10y^2 - 6$$

$$9. (p^4 + 3p^2 - 8) \times (p + 1) = p^5 + p^4 + 3p^3 + 3p^2 - 8p - 8$$

$$10. (-t^3 + 3t) \times (-3t^2 + 2t) = 3t^5 - 2t^4 - 9t^3 + 6t^2$$