

Student Name: _____

Score: _____

Answers

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

$$2. (-3x^2 - 1) \times (-x + 9) = 3x^3 - 27x^2 + x - 9$$

$$3. (4s^3 + 6s + 1) \times (-2s) = -8s^4 - 12s^2 - 2s$$

$$4. (5a^3 - 9) \times (3a^2 - 1) = 15a^5 - 5a^3 - 27a^2 + 9$$

$$5. (7a^4 + 2a^2) \times (a - 5) = 7a^5 - 35a^4 + 2a^3 - 10a^2$$

$$6. (-3u + 3) \times (u^3 - 1) = -3u^4 + 3u^3 + 3u - 3$$

$$7. (-10u - 3) \times (3u + 1) = -30u^2 - 19u - 3$$

$$8. (3y^3 + 9y + 27) \times (-3y^2) = -9y^5 - 27y^3 - 81y^2$$

$$9. (a^2 + 3a) \times (-a^2 + 2a) = -a^4 - a^3 + 6a^2$$

$$10. (-b^3 + 4b + 3) \times (2b^2) = -2b^5 + 8b^3 + 6b^2$$