

Multiplying Polynomials

WS #1

Multiply the following.

$$1. (5x + 3) \times (-x + 4) = \underline{\hspace{4cm}}$$

$$2. (-3x^2 - 1) \times (-x + 9) = \underline{\hspace{4cm}}$$

$$3. (4s^3 + 6s + 1) \times (-2s) = \underline{\hspace{4cm}}$$

$$4. (5a^3 - 9) \times (3a^2 - 1) = \underline{\hspace{4cm}}$$

$$5. (7a^4 + 2a^2) \times (a - 5) = \underline{\hspace{4cm}}$$

$$6. (-3u + 3) \times (u^3 - 1) = \underline{\hspace{4cm}}$$

$$7. (-10u - 3) \times (3u + 1) = \underline{\hspace{4cm}}$$

$$8. (3y^3 + 9y + 27) \times (-3y^2) = \underline{\hspace{4cm}}$$

$$9. (a^2 + 3a) \times (-a^2 + 2a) = \underline{\hspace{4cm}}$$

$$10. (-b^3 + 4b + 3) \times (2b^2) = \underline{\hspace{4cm}}$$