

Multiplying Trinomials & Monomials

Multiply the following.

$$1. xy^3z + 4y^2z + 6xy, -5z^2 = \underline{\hspace{10em}}$$

$$2. x^2 + 2y + z^2, 3y^2 = \underline{\hspace{10em}}$$

$$3. x^4 - 2xy - y^3, 5xy = \underline{\hspace{10em}}$$

$$4. 5a^3 + 3b - 6ab, -2a^2b = \underline{\hspace{10em}}$$

$$5. -3a^3c^2 + 2a^3b - 4b^3, 3abc = \underline{\hspace{10em}}$$

$$6. p^2 - 2q^2r - 3pq, pr^2 = \underline{\hspace{10em}}$$

$$7. 2r^2s + 2s^3 + rt^3, s^2t = \underline{\hspace{10em}}$$

$$8. 3xyz + xz^2 - 6xy^2, 2x^2y = \underline{\hspace{10em}}$$

$$9. 8uv + v^2w - uw, 2vw = \underline{\hspace{10em}}$$

$$10. y^3z + 4y^2 + 6y^3, 2z^2 = \underline{\hspace{10em}}$$