

Multiplication de Deux Trinômes (D)

Simplifiez chaque expression.

$$1. (3k^3 + 8k^2 + 2k)(5k^4 - 3k^3 + 9k^2)$$

$$2. (-6z^3 + z^2 + 9z)(-4z^4 + 4z^3 - 3z^2)$$

$$3. (-7m^2 - 4m - 8)(-6m^2 + 6m + 6)$$

$$4. (-6g^5 - 3g^4 + 8g^3)(-2g^4 + 6g^3 - 7g^2)$$

$$5. (2t^4 + 7t^3 - 6t^2)(3t^2 - 5t - 7)$$

$$6. (8a^3 + 3a^2 + 9a)(4a^3 + 3a^2 - 2a)$$

$$7. (6x^2 - 5x + 1)(-x^2 + 4x - 8)$$

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

$$9. (6g^3 - 3g^2 + 8g)(-8g^5 + 4g^4 + 4g^3)$$

$$10. (-3t^5 - 6t^4 - 6t^3)(5t^2 - 2t + 4)$$

Multiplication de Deux Trinômes (D) Réponses

Simplifiez chaque expression.

$$1. (3k^3 + 8k^2 + 2k)(5k^4 - 3k^3 + 9k^2)$$
$$= 15k^7 + 31k^6 + 13k^5 + 66k^4 + 18k^3$$

$$2. (-6z^3 + z^2 + 9z)(-4z^4 + 4z^3 - 3z^2)$$
$$= 24z^7 - 28z^6 - 14z^5 + 33z^4 - 27z^3$$

$$3. (-7m^2 - 4m - 8)(-6m^2 + 6m + 6)$$
$$= 42m^4 - 18m^3 - 18m^2 - 72m - 48$$

$$4. (-6g^5 - 3g^4 + 8g^3)(-2g^4 + 6g^3 - 7g^2)$$
$$= 12g^9 - 30g^8 + 8g^7 + 69g^6 - 56g^5$$

$$5. (2t^4 + 7t^3 - 6t^2)(3t^2 - 5t - 7)$$
$$= 6t^6 + 11t^5 - 67t^4 - 19t^3 + 42t^2$$

$$6. (8a^3 + 3a^2 + 9a)(4a^3 + 3a^2 - 2a)$$
$$= 32a^6 + 36a^5 + 29a^4 + 21a^3 - 18a^2$$

$$7. (6x^2 - 5x + 1)(-x^2 + 4x - 8)$$
$$= -6x^4 + 29x^3 - 69x^2 + 44x - 8$$

$$8. (4p^3 - 2p^2 - p)(-6p^3 + 3p^2 + 4p)$$
$$= -24p^6 + 24p^5 + 16p^4 - 11p^3 - 4p^2$$

$$9. (6g^3 - 3g^2 + 8g)(-8g^5 + 4g^4 + 4g^3)$$
$$= -48g^8 + 48g^7 - 52g^6 + 20g^5 + 32g^4$$

$$10. (-3t^5 - 6t^4 - 6t^3)(5t^2 - 2t + 4)$$
$$= -15t^7 - 24t^6 - 30t^5 - 12t^4 - 24t^3$$