

Multiplication de Deux Trinômes (F)

Simplifiez chaque expression.

$$1. (9c^5 + 3c^4 - 2c^3)(-9c^5 - 7c^4 - 8c^3)$$

$$2. (-2b^2 - 9b - 4)(-3b^2 + 2b + 9)$$

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

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

$$5. (-6w^4 - 5w^3 - w^2)(-8w^4 - 6w^3 - w^2)$$

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

$$7. (8z^2 + 9z - 5)(9z^5 + 2z^4 - 2z^3)$$

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

$$9. (-6p^3 - 5p^2 - 2p)(-5p^4 - 9p^3 - 3p^2)$$

$$10. (6p^3 - 8p^2 + 9p)(-3p^2 + p - 2)$$

Multiplication de Deux Trinômes (F) Réponses

Simplifiez chaque expression.

$$1. (9c^5 + 3c^4 - 2c^3)(-9c^5 - 7c^4 - 8c^3)$$
$$= -81c^{10} - 90c^9 - 75c^8 - 10c^7 + 16c^6$$

$$2. (-2b^2 - 9b - 4)(-3b^2 + 2b + 9)$$
$$= 6b^4 + 23b^3 - 24b^2 - 89b - 36$$

$$3. (-8n^5 + 3n^4 + 3n^3)(5n^2 - 9n + 9)$$
$$= -40n^7 + 87n^6 - 84n^5 + 27n^3$$

$$4. (8s^2 - 5s - 7)(-2s^3 - 7s^2 + 3s)$$
$$= -16s^5 - 46s^4 + 73s^3 + 34s^2 - 21s$$

$$5. (-6w^4 - 5w^3 - w^2)(-8w^4 - 6w^3 - w^2)$$
$$= 48w^8 + 76w^7 + 44w^6 + 11w^5 + w^4$$

$$6. (4t^3 - 9t^2 + 4t)(-6t^3 + 9t^2 - 8t)$$
$$= -24t^6 + 90t^5 - 137t^4 + 108t^3 - 32t^2$$

$$7. (8z^2 + 9z - 5)(9z^5 + 2z^4 - 2z^3)$$
$$= 72z^7 + 97z^6 - 43z^5 - 28z^4 + 10z^3$$

$$8. (4t^4 - 2t^3 - 3t^2)(3t^2 - 2t + 7)$$
$$= 12t^6 - 14t^5 + 23t^4 - 8t^3 - 21t^2$$

$$9. (-6p^3 - 5p^2 - 2p)(-5p^4 - 9p^3 - 3p^2)$$
$$= 30p^7 + 79p^6 + 73p^5 + 33p^4 + 6p^3$$

$$10. (6p^3 - 8p^2 + 9p)(-3p^2 + p - 2)$$
$$= -18p^5 + 30p^4 - 47p^3 + 25p^2 - 18p$$