

Multiplication de Deux Binômes (H)

Simplifiez chaque expression.

$$1. (4q^5 - 3q^4)(-2q^2 - 4q)$$

$$2. (-8v^5 + 2v^4)(4v^5 + 8v^4)$$

$$3. (3b^3 + 7b^2)(6b^3 + 2b^2)$$

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

$$5. (-9s^2 + 5s)(-2s - 8)$$

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

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

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

$$9. (5v^3 + 7v^2)(5v^4 + 7v^3)$$

$$10. (-9w - 6)(4w + 4)$$

Multiplication de Deux Binômes (H) Réponses

Simplifiez chaque expression.

$$1. (4q^5 - 3q^4)(-2q^2 - 4q)$$
$$= -8q^7 - 10q^6 + 12q^5$$

$$2. (-8v^5 + 2v^4)(4v^5 + 8v^4)$$
$$= -32v^{10} - 56v^9 + 16v^8$$

$$3. (3b^3 + 7b^2)(6b^3 + 2b^2)$$
$$= 18b^6 + 48b^5 + 14b^4$$

$$4. (-n - 5)(-4n^3 + 8n^2)$$
$$= 4n^4 + 12n^3 - 40n^2$$

$$5. (-9s^2 + 5s)(-2s - 8)$$
$$= 18s^3 + 62s^2 - 40s$$

$$6. (8x^2 + 6x)(-5x + 2)$$
$$= -40x^3 - 14x^2 + 12x$$

$$7. (7x^5 - x^4)(2x - 1)$$
$$= 14x^6 - 9x^5 + x^4$$

$$8. (9v^2 + 8v)(9v^3 - 5v^2)$$
$$= 81v^5 + 27v^4 - 40v^3$$

$$9. (5v^3 + 7v^2)(5v^4 + 7v^3)$$
$$= 25v^7 + 70v^6 + 49v^5$$

$$10. (-9w - 6)(4w + 4)$$
$$= -36w^2 - 60w - 24$$