

Multiplication de Deux Binômes (A)

Simplifiez chaque expression.

$$1. (-7c - 7)(7c^5 - 7c^4)$$

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

$$3. (9h^2 - 7h)(2h + 2)$$

$$4. (-3n^4 - 9n^3)(-7n^4 - 4n^3)$$

$$5. (-4n + 1)(9n^4 - 6n^3)$$

$$6. (4f - 4)(6f^5 + 7f^4)$$

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

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

$$9. (g^5 - 3g^4)(-6g^2 - 7g)$$

$$10. (-4q^4 + 7q^3)(6q^2 - 7q)$$

Multiplication de Deux Binômes (A) Réponses

Simplifiez chaque expression.

$$1. (-7c - 7)(7c^5 - 7c^4)$$
$$= -49c^6 + 49c^4$$

$$2. (-8z^3 - 9z^2)(-4z^3 + z^2)$$
$$= 32z^6 + 28z^5 - 9z^4$$

$$3. (9h^2 - 7h)(2h + 2)$$
$$= 18h^3 + 4h^2 - 14h$$

$$4. (-3n^4 - 9n^3)(-7n^4 - 4n^3)$$
$$= 21n^8 + 75n^7 + 36n^6$$

$$5. (-4n + 1)(9n^4 - 6n^3)$$
$$= -36n^5 + 33n^4 - 6n^3$$

$$6. (4f - 4)(6f^5 + 7f^4)$$
$$= 24f^6 + 4f^5 - 28f^4$$

$$7. (8x^2 + 3x)(-5x - 3)$$
$$= -40x^3 - 39x^2 - 9x$$

$$8. (-2p^4 + 5p^3)(-2p^3 + 3p^2)$$
$$= 4p^7 - 16p^6 + 15p^5$$

$$9. (g^5 - 3g^4)(-6g^2 - 7g)$$
$$= -6g^7 + 11g^6 + 21g^5$$

$$10. (-4q^4 + 7q^3)(6q^2 - 7q)$$
$$= -24q^6 + 70q^5 - 49q^4$$