

Multiplication de Deux Binômes (J)

Simplifiez chaque expression.

$$1. (7k^2 - k)(8k + 9)$$

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

$$3. (5k^5 - 7k^4)(5k + 5)$$

$$4. (9q^3 - 6q^2)(-6q - 9)$$

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

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

$$7. (-8g^2 - 2g)(3g - 7)$$

$$8. (6d^4 + 4d^3)(4d^5 - d^4)$$

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

$$10. (9m^5 + 6m^4)(-2m^4 + 6m^3)$$

Multiplication de Deux Binômes (J) Réponses

Simplifiez chaque expression.

$$1. (7k^2 - k)(8k + 9)$$
$$= 56k^3 + 55k^2 - 9k$$

$$2. (2q + 5)(-9q^4 - 4q^3)$$
$$= -18q^5 - 53q^4 - 20q^3$$

$$3. (5k^5 - 7k^4)(5k + 5)$$
$$= 25k^6 - 10k^5 - 35k^4$$

$$4. (9q^3 - 6q^2)(-6q - 9)$$
$$= -54q^4 - 45q^3 + 54q^2$$

$$5. (-9x^3 + 9x^2)(9x^5 + 7x^4)$$
$$= -81x^8 + 18x^7 + 63x^6$$

$$6. (-7d^4 - 3d^3)(-d^5 + 8d^4)$$
$$= 7d^9 - 53d^8 - 24d^7$$

$$7. (-8g^2 - 2g)(3g - 7)$$
$$= -24g^3 + 50g^2 + 14g$$

$$8. (6d^4 + 4d^3)(4d^5 - d^4)$$
$$= 24d^9 + 10d^8 - 4d^7$$

$$9. (8v^4 + 4v^3)(-3v^2 + 3v)$$
$$= -24v^6 + 12v^5 + 12v^4$$

$$10. (9m^5 + 6m^4)(-2m^4 + 6m^3)$$
$$= -18m^9 + 42m^8 + 36m^7$$