

Multiplication de Deux Binômes (E)

Simplifiez chaque expression.

$$1. (7x^3 + 5x^2)(7x - 5)$$

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

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

$$4. (-2a + 1)(-8a - 6)$$

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

$$6. (-4y + 2)(-5y - 3)$$

$$7. (3p^4 - 6p^3)(2p^3 - 4p^2)$$

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

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

$$10. (-7c^5 - 2c^4)(7c - 8)$$

Multiplication de Deux Binômes (E) Réponses

Simplifiez chaque expression.

$$1. (7x^3 + 5x^2)(7x - 5)$$
$$= 49x^4 - 25x^2$$

$$2. (-3n^3 + 4n^2)(-7n^5 - 8n^4)$$
$$= 21n^8 - 4n^7 - 32n^6$$

$$3. (4m^2 - 3m)(7m^4 + 5m^3)$$
$$= 28m^6 - m^5 - 15m^4$$

$$4. (-2a + 1)(-8a - 6)$$
$$= 16a^2 + 4a - 6$$

$$5. (2m^2 + 7m)(9m^3 - 5m^2)$$
$$= 18m^5 + 53m^4 - 35m^3$$

$$6. (-4y + 2)(-5y - 3)$$
$$= 20y^2 + 2y - 6$$

$$7. (3p^4 - 6p^3)(2p^3 - 4p^2)$$
$$= 6p^7 - 24p^6 + 24p^5$$

$$8. (-2m^2 + 5m)(8m^3 + 4m^2)$$
$$= -16m^5 + 32m^4 + 20m^3$$

$$9. (3x - 4)(8x^2 + 2x)$$
$$= 24x^3 - 26x^2 - 8x$$

$$10. (-7c^5 - 2c^4)(7c - 8)$$
$$= -49c^6 + 42c^5 + 16c^4$$