

Multiplication de Deux Binômes (F)

Simplifiez chaque expression.

$$1. (5p^3 + 4p^2)(8p^4 - 4p^3)$$

$$2. (8g^2 - 4g)(2g - 7)$$

$$3. (-z - 3)(7z - 5)$$

$$4. (9q^3 - 3q^2)(-7q - 7)$$

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

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

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

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

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

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

Multiplication de Deux Binômes (F) Réponses

Simplifiez chaque expression.

$$1. (5p^3 + 4p^2)(8p^4 - 4p^3)$$
$$= 40p^7 + 12p^6 - 16p^5$$

$$2. (8g^2 - 4g)(2g - 7)$$
$$= 16g^3 - 64g^2 + 28g$$

$$3. (-z - 3)(7z - 5)$$
$$= -7z^2 - 16z + 15$$

$$4. (9q^3 - 3q^2)(-7q - 7)$$
$$= -63q^4 - 42q^3 + 21q^2$$

$$5. (-8n^4 + 2n^3)(n^3 - 2n^2)$$
$$= -8n^7 + 18n^6 - 4n^5$$

$$6. (4w^2 - 6w)(-7w^4 + w^3)$$
$$= -28w^6 + 46w^5 - 6w^4$$

$$7. (8z^3 - 5z^2)(-z + 4)$$
$$= -8z^4 + 37z^3 - 20z^2$$

$$8. (6d + 4)(3d^4 - d^3)$$
$$= 18d^5 + 6d^4 - 4d^3$$

$$9. (-2s^4 - 5s^3)(-4s^2 + s)$$
$$= 8s^6 + 18s^5 - 5s^4$$

$$10. (5a^4 + 3a^3)(-6a^3 + 9a^2)$$
$$= -30a^7 + 27a^6 + 27a^5$$