

Multiplication de Deux Trinômes (A)

Simplifiez chaque expression.

$$1. (-s^2 + 6s - 6)(-4s^5 + 7s^4 + 5s^3)$$

$$2. (p^2 - 8p - 3)(3p^2 - 2p + 6)$$

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

$$4. (7h^4 - 8h^3 - 3h^2)(9h^2 - 6h - 2)$$

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

$$6. (3f^2 - 4f + 6)(-8f^2 - f - 1)$$

$$7. (-2y^3 - y^2 + 7y)(6y^2 + 9y + 9)$$

$$8. (-9h^3 - 8h^2 - 8h)(-5h^5 + 7h^4 - 6h^3)$$

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

$$10. (-8r^5 + r^4 - 8r^3)(-8r^3 - 4r^2 + 9r)$$

Multiplication de Deux Trinômes (A) Réponses

Simplifiez chaque expression.

$$1. (-s^2 + 6s - 6)(-4s^5 + 7s^4 + 5s^3)$$
$$= 4s^7 - 31s^6 + 61s^5 - 12s^4 - 30s^3$$

$$2. (p^2 - 8p - 3)(3p^2 - 2p + 6)$$
$$= 3p^4 - 26p^3 + 13p^2 - 42p - 18$$

$$3. (-5v^3 - v^2 - 5v)(3v^4 - 8v^3 + v^2)$$
$$= -15v^7 + 37v^6 - 12v^5 + 39v^4 - 5v^3$$

$$4. (7h^4 - 8h^3 - 3h^2)(9h^2 - 6h - 2)$$
$$= 63h^6 - 114h^5 + 7h^4 + 34h^3 + 6h^2$$

$$5. (4t^4 + 3t^3 + 5t^2)(-4t^5 + t^4 - 9t^3)$$
$$= -16t^9 - 8t^8 - 53t^7 - 22t^6 - 45t^5$$

$$6. (3f^2 - 4f + 6)(-8f^2 - f - 1)$$
$$= -24f^4 + 29f^3 - 47f^2 - 2f - 6$$

$$7. (-2y^3 - y^2 + 7y)(6y^2 + 9y + 9)$$
$$= -12y^5 - 24y^4 + 15y^3 + 54y^2 + 63y$$

$$8. (-9h^3 - 8h^2 - 8h)(-5h^5 + 7h^4 - 6h^3)$$
$$= 45h^8 - 23h^7 + 38h^6 - 8h^5 + 48h^4$$

$$9. (4q^2 - 3q - 7)(-9q^5 - 5q^4 + 9q^3)$$
$$= -36q^7 + 7q^6 + 114q^5 + 8q^4 - 63q^3$$

$$10. (-8r^5 + r^4 - 8r^3)(-8r^3 - 4r^2 + 9r)$$
$$= 64r^8 + 24r^7 - 12r^6 + 41r^5 - 72r^4$$