

## Multiplication de Deux Binômes (C)

Simplifiez chaque expression.

1.  $(8g^3 + g^2)(-g + 3)$

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

3.  $(-6f^3 - 6f^2)(-7f^2 - 7f)$

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

5.  $(8v^2 - v)(-3v^5 - 6v^4)$

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

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

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

9.  $(7q^5 + 8q^4)(7q^5 + 7q^4)$

10.  $(9f^5 + 8f^4)(-f^4 - 6f^3)$

## Multiplication de Deux Binômes (C) Réponses

Simplifiez chaque expression.

$$\begin{aligned} 1. & (8g^3 + g^2)(-g + 3) \\ & = -8g^4 + 23g^3 + 3g^2 \end{aligned}$$

$$\begin{aligned} 2. & (7n^4 + n^3)(-5n - 1) \\ & = -35n^5 - 12n^4 - n^3 \end{aligned}$$

$$\begin{aligned} 3. & (-6f^3 - 6f^2)(-7f^2 - 7f) \\ & = 42f^5 + 84f^4 + 42f^3 \end{aligned}$$

$$\begin{aligned} 4. & (5r^2 - 2r)(-3r^4 + 5r^3) \\ & = -15r^6 + 31r^5 - 10r^4 \end{aligned}$$

$$\begin{aligned} 5. & (8v^2 - v)(-3v^5 - 6v^4) \\ & = -24v^7 - 45v^6 + 6v^5 \end{aligned}$$

$$\begin{aligned} 6. & (-8v^4 + 8v^3)(-3v^3 - 4v^2) \\ & = 24v^7 + 8v^6 - 32v^5 \end{aligned}$$

$$\begin{aligned} 7. & (-4p^4 + p^3)(6p^4 - 7p^3) \\ & = -24p^8 + 34p^7 - 7p^6 \end{aligned}$$

$$\begin{aligned} 8. & (-2s^5 - 4s^4)(2s^2 + 3s) \\ & = -4s^7 - 14s^6 - 12s^5 \end{aligned}$$

$$\begin{aligned} 9. & (7q^5 + 8q^4)(7q^5 + 7q^4) \\ & = 49q^{10} + 105q^9 + 56q^8 \end{aligned}$$

$$\begin{aligned} 10. & (9f^5 + 8f^4)(-f^4 - 6f^3) \\ & = -9f^9 - 62f^8 - 48f^7 \end{aligned}$$