

Multiplication de Deux Binômes (G)

Simplifiez chaque expression.

1. $(8z^3 - 3z^2)(7z^2 + 7z)$

2. $(-9z^2 - 5z)(-3z^3 + 8z^2)$

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

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

5. $(-6g^2 + 2g)(-8g + 8)$

6. $(-2w^5 - w^4)(-w^4 - 3w^3)$

7. $(-6f + 2)(-6f^5 + 8f^4)$

8. $(-8g^3 - 6g^2)(g - 8)$

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

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

Multiplication de Deux Binômes (G) Réponses

Simplifiez chaque expression.

$$\begin{aligned} 1. & (8z^3 - 3z^2)(7z^2 + 7z) \\ & = 56z^5 + 35z^4 - 21z^3 \end{aligned}$$

$$\begin{aligned} 2. & (-9z^2 - 5z)(-3z^3 + 8z^2) \\ & = 27z^5 - 57z^4 - 40z^3 \end{aligned}$$

$$\begin{aligned} 3. & (-8q^4 - 3q^3)(-8q^3 + 9q^2) \\ & = 64q^7 - 48q^6 - 27q^5 \end{aligned}$$

$$\begin{aligned} 4. & (7f^3 - 5f^2)(-9f^3 + 2f^2) \\ & = -63f^6 + 59f^5 - 10f^4 \end{aligned}$$

$$\begin{aligned} 5. & (-6g^2 + 2g)(-8g + 8) \\ & = 48g^3 - 64g^2 + 16g \end{aligned}$$

$$\begin{aligned} 6. & (-2w^5 - w^4)(-w^4 - 3w^3) \\ & = 2w^9 + 7w^8 + 3w^7 \end{aligned}$$

$$\begin{aligned} 7. & (-6f + 2)(-6f^5 + 8f^4) \\ & = 36f^6 - 60f^5 + 16f^4 \end{aligned}$$

$$\begin{aligned} 8. & (-8g^3 - 6g^2)(g - 8) \\ & = -8g^4 + 58g^3 + 48g^2 \end{aligned}$$

$$\begin{aligned} 9. & (-2h^4 + 2h^3)(6h^3 - 3h^2) \\ & = -12h^7 + 18h^6 - 6h^5 \end{aligned}$$

$$\begin{aligned} 10. & (8b^4 - 5b^3)(-6b + 5) \\ & = -48b^5 + 70b^4 - 25b^3 \end{aligned}$$