

Multiplication de Deux Binômes (B)

Simplifiez chaque expression.

1. $(7p^4 - 8p^3)(-p^4 + 4p^3)$

2. $(-3b^3 + b^2)(6b + 4)$

3. $(-6h^4 - 4h^3)(-4h^5 + 6h^4)$

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

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

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

7. $(3v^4 - 3v^3)(3v^3 - 2v^2)$

8. $(-9z - 6)(6z^3 - 2z^2)$

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

10. $(6z^5 - 9z^4)(-8z^5 - 2z^4)$

Multiplication de Deux Binômes (B) Réponses

Simplifiez chaque expression.

$$\begin{aligned} 1. & (7p^4 - 8p^3)(-p^4 + 4p^3) \\ &= -7p^8 + 36p^7 - 32p^6 \end{aligned}$$

$$\begin{aligned} 2. & (-3b^3 + b^2)(6b + 4) \\ &= -18b^4 - 6b^3 + 4b^2 \end{aligned}$$

$$\begin{aligned} 3. & (-6h^4 - 4h^3)(-4h^5 + 6h^4) \\ &= 24h^9 - 20h^8 - 24h^7 \end{aligned}$$

$$\begin{aligned} 4. & (-7p^2 - 6p)(5p^4 + 5p^3) \\ &= -35p^6 - 65p^5 - 30p^4 \end{aligned}$$

$$\begin{aligned} 5. & (-6q^5 - 2q^4)(-9q^4 + 5q^3) \\ &= 54q^9 - 12q^8 - 10q^7 \end{aligned}$$

$$\begin{aligned} 6. & (-3b^3 + 4b^2)(-7b^5 - b^4) \\ &= 21b^8 - 25b^7 - 4b^6 \end{aligned}$$

$$\begin{aligned} 7. & (3v^4 - 3v^3)(3v^3 - 2v^2) \\ &= 9v^7 - 15v^6 + 6v^5 \end{aligned}$$

$$\begin{aligned} 8. & (-9z - 6)(6z^3 - 2z^2) \\ &= -54z^4 - 18z^3 + 12z^2 \end{aligned}$$

$$\begin{aligned} 9. & (5t^2 - t)(t^3 - 5t^2) \\ &= 5t^5 - 26t^4 + 5t^3 \end{aligned}$$

$$\begin{aligned} 10. & (6z^5 - 9z^4)(-8z^5 - 2z^4) \\ &= -48z^{10} + 60z^9 + 18z^8 \end{aligned}$$