

Multiplication d'un Monôme par un Binôme (B)

Simplifiez chaque expression.

1. $3c^5(-5c^4 + 3c^3)$

2. $7t^5(-t^5 + t^4)$

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

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

5. $-7t^4(3t - 3)$

6. $-5c^3(3c^5 - 8c^4)$

7. $d^4(3d^3 - 6d^2)$

8. $-9g(-3g + 4)$

9. $6k^4(-6k^4 + 3k^3)$

10. $9m(5m^3 + m^2)$

Multiplication d'un Monôme par un Binôme (B) Réponses

Simplifiez chaque expression.

$$1. 3c^5(-5c^4 + 3c^3) \\ = -15c^9 + 9c^8$$

$$2. 7t^5(-t^5 + t^4) \\ = -7t^{10} + 7t^9$$

$$3. -8w^3(3w^3 - 6w^2) \\ = -24w^6 + 48w^5$$

$$4. -5f^4(8f^2 + 8f) \\ = -40f^6 - 40f^5$$

$$5. -7t^4(3t - 3) \\ = -21t^5 + 21t^4$$

$$6. -5c^3(3c^5 - 8c^4) \\ = -15c^8 + 40c^7$$

$$7. d^4(3d^3 - 6d^2) \\ = 3d^7 - 6d^6$$

$$8. -9g(-3g + 4) \\ = 27g^2 - 36g$$

$$9. 6k^4(-6k^4 + 3k^3) \\ = -36k^8 + 18k^7$$

$$10. 9m(5m^3 + m^2) \\ = 45m^4 + 9m^3$$