

Multiplicar Dos Polinomios (A)

Simplifique cada expresión.

1. $(8f - 9)(7f^2 - 5f)$

2. $(7s^3 - 5s^2)(4s^3 + 8s^2)$

3. $(-5m^4 - 8m^3)(9m^4 - 6m^3)$

4. $(-8t^3 + 4t^2)(-3t^2 - 4t)$

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

Multiplicar Dos Polinomios (A) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. & (8f - 9)(7f^2 - 5f) \\ & = 56f^3 - 103f^2 + 45f \end{aligned}$$

$$\begin{aligned} 2. & (7s^3 - 5s^2)(4s^3 + 8s^2) \\ & = 28s^6 + 36s^5 - 40s^4 \end{aligned}$$

$$\begin{aligned} 3. & (-5m^4 - 8m^3)(9m^4 - 6m^3) \\ & = -45m^8 - 42m^7 + 48m^6 \end{aligned}$$

$$\begin{aligned} 4. & (-8t^3 + 4t^2)(-3t^2 - 4t) \\ & = 24t^5 + 20t^4 - 16t^3 \end{aligned}$$

$$\begin{aligned} 5. & (3n^4 - 7n^3)(6n^5 + 3n^4) \\ & = 18n^9 - 33n^8 - 21n^7 \end{aligned}$$

Multiplicar Dos Polinomios (B)

Simplifique cada expresión.

1. $(4z^5 + 6z^4)(8z^3 - 9z^2)$

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

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

4. $(4h^2 - h)(-6h^2 - 2h)$

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

Multiplicar Dos Polinomios (B) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. & (4z^5 + 6z^4)(8z^3 - 9z^2) \\ & = 32z^8 + 12z^7 - 54z^6 \end{aligned}$$

$$\begin{aligned} 2. & (-3z^3 + 5z^2)(4z^2 - 7z) \\ & = -12z^5 + 41z^4 - 35z^3 \end{aligned}$$

$$\begin{aligned} 3. & (-9p^5 - 6p^4)(-9p^2 + 8p) \\ & = 81p^7 - 18p^6 - 48p^5 \end{aligned}$$

$$\begin{aligned} 4. & (4h^2 - h)(-6h^2 - 2h) \\ & = -24h^4 - 2h^3 + 2h^2 \end{aligned}$$

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

Multiplicar Dos Polinomios (C)

Simplifique cada expresión.

1. $(3d^3 - 9d^2)(4d^5 - 6d^4)$

2. $(2s^3 + 2s^2)(9s^3 - 3s^2)$

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

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

5. $(-8d^4 - 2d^3)(7d^3 + 5d^2)$

Multiplicar Dos Polinomios (C) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. & (3d^3 - 9d^2)(4d^5 - 6d^4) \\ & = 12d^8 - 54d^7 + 54d^6 \end{aligned}$$

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

$$\begin{aligned} 3. & (-2m^3 + 3m^2)(9m^5 + 4m^4) \\ & = -18m^8 + 19m^7 + 12m^6 \end{aligned}$$

$$\begin{aligned} 4. & (-7b^2 - 4b)(-3b^2 + 5b) \\ & = 21b^4 - 23b^3 - 20b^2 \end{aligned}$$

$$\begin{aligned} 5. & (-8d^4 - 2d^3)(7d^3 + 5d^2) \\ & = -56d^7 - 54d^6 - 10d^5 \end{aligned}$$

Multiplicar Dos Polinomios (D)

Simplifique cada expresión.

1. $(-8f - 7)(-6f^4 - 3f^3)$

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

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

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

5. $(-4s + 8)(7s + 2)$

Multiplicar Dos Polinomios (D) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. & (-8f - 7)(-6f^4 - 3f^3) \\ & = 48f^5 + 66f^4 + 21f^3 \end{aligned}$$

$$\begin{aligned} 2. & (-8m^4 + 4m^3)(-5m^4 - 9m^3) \\ & = 40m^8 + 52m^7 - 36m^6 \end{aligned}$$

$$\begin{aligned} 3. & (-7c^5 - 4c^4)(4c + 9) \\ & = -28c^6 - 79c^5 - 36c^4 \end{aligned}$$

$$\begin{aligned} 4. & (4h^3 - 3h^2)(7h^3 - 4h^2) \\ & = 28h^6 - 37h^5 + 12h^4 \end{aligned}$$

$$\begin{aligned} 5. & (-4s + 8)(7s + 2) \\ & = -28s^2 + 48s + 16 \end{aligned}$$

Multiplicar Dos Polinomios (E)

Simplifique cada expresión.

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

2. $(-5d^2 - 3d)(-3d^4 - d^3)$

3. $(6a^3 + 7a^2)(3a^3 - 6a^2)$

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

5. $(3f - 7)(-5f - 1)$

Multiplicar Dos Polinomios (E) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. & (y^4 - 6y^3)(-y^2 + 5y) \\ & = -y^6 + 11y^5 - 30y^4 \end{aligned}$$

$$\begin{aligned} 2. & (-5d^2 - 3d)(-3d^4 - d^3) \\ & = 15d^6 + 14d^5 + 3d^4 \end{aligned}$$

$$\begin{aligned} 3. & (6a^3 + 7a^2)(3a^3 - 6a^2) \\ & = 18a^6 - 15a^5 - 42a^4 \end{aligned}$$

$$\begin{aligned} 4. & (7d - 9)(-2d^3 - 5d^2) \\ & = -14d^4 - 17d^3 + 45d^2 \end{aligned}$$

$$\begin{aligned} 5. & (3f - 7)(-5f - 1) \\ & = -15f^2 + 32f + 7 \end{aligned}$$

Multiplicar Dos Polinomios (F)

Simplifique cada expresión.

1. $(-r - 9)(-4r^2 - r)$

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

3. $(9p + 9)(-9p - 4)$

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

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

Multiplicar Dos Polinomios (F) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. & (-r - 9)(-4r^2 - r) \\ & = 4r^3 + 37r^2 + 9r \end{aligned}$$

$$\begin{aligned} 2. & (9w^5 + 2w^4)(-8w + 3) \\ & = -72w^6 + 11w^5 + 6w^4 \end{aligned}$$

$$\begin{aligned} 3. & (9p + 9)(-9p - 4) \\ & = -81p^2 - 117p - 36 \end{aligned}$$

$$\begin{aligned} 4. & (-3a^5 - a^4)(-9a + 6) \\ & = 27a^6 - 9a^5 - 6a^4 \end{aligned}$$

$$\begin{aligned} 5. & (4g^5 + 3g^4)(-2g^2 - 5g) \\ & = -8g^7 - 26g^6 - 15g^5 \end{aligned}$$

Multiplicar Dos Polinomios (G)

Simplifique cada expresión.

1. $(8p^4 - 6p^3)(7p^4 - 6p^3)$

2. $(2g^3 - 6g^2)(-6g^2 + 7g)$

3. $(-6d^2 - 8d)(-5d + 8)$

4. $(7m^2 - 9m)(6m^5 - 4m^4)$

5. $(3x^2 - 8x)(-4x^5 - 8x^4)$

Multiplicar Dos Polinomios (G) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. & (8p^4 - 6p^3)(7p^4 - 6p^3) \\ & = 56p^8 - 90p^7 + 36p^6 \end{aligned}$$

$$\begin{aligned} 2. & (2g^3 - 6g^2)(-6g^2 + 7g) \\ & = -12g^5 + 50g^4 - 42g^3 \end{aligned}$$

$$\begin{aligned} 3. & (-6d^2 - 8d)(-5d + 8) \\ & = 30d^3 - 8d^2 - 64d \end{aligned}$$

$$\begin{aligned} 4. & (7m^2 - 9m)(6m^5 - 4m^4) \\ & = 42m^7 - 82m^6 + 36m^5 \end{aligned}$$

$$\begin{aligned} 5. & (3x^2 - 8x)(-4x^5 - 8x^4) \\ & = -12x^7 + 8x^6 + 64x^5 \end{aligned}$$

Multiplicar Dos Polinomios (H)

Simplifique cada expresión.

1. $(-9r^3 - 4r^2)(3r^5 - 6r^4)$

2. $(8b^2 + b)(4b^3 + 4b^2)$

3. $(-4r^3 - r^2)(-2r - 8)$

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

5. $(-2d + 3)(d^2 - 2d)$

Multiplicar Dos Polinomios (H) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. & (-9r^3 - 4r^2)(3r^5 - 6r^4) \\ & = -27r^8 + 42r^7 + 24r^6 \end{aligned}$$

$$\begin{aligned} 2. & (8b^2 + b)(4b^3 + 4b^2) \\ & = 32b^5 + 36b^4 + 4b^3 \end{aligned}$$

$$\begin{aligned} 3. & (-4r^3 - r^2)(-2r - 8) \\ & = 8r^4 + 34r^3 + 8r^2 \end{aligned}$$

$$\begin{aligned} 4. & (3p^2 - 5p)(9p^3 + 6p^2) \\ & = 27p^5 - 27p^4 - 30p^3 \end{aligned}$$

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

Multiplicar Dos Polinomios (I)

Simplifique cada expresión.

1. $(2k + 4)(-6k^5 + 2k^4)$

2. $(7n^5 + 9n^4)(6n^5 - 4n^4)$

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

4. $(9h - 4)(-2h^4 - 5h^3)$

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

Multiplicar Dos Polinomios (I) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. & (2k + 4)(-6k^5 + 2k^4) \\ & = -12k^6 - 20k^5 + 8k^4 \end{aligned}$$

$$\begin{aligned} 2. & (7n^5 + 9n^4)(6n^5 - 4n^4) \\ & = 42n^{10} + 26n^9 - 36n^8 \end{aligned}$$

$$\begin{aligned} 3. & (8c^3 - 9c^2)(-7c^4 - 7c^3) \\ & = -56c^7 + 7c^6 + 63c^5 \end{aligned}$$

$$\begin{aligned} 4. & (9h - 4)(-2h^4 - 5h^3) \\ & = -18h^5 - 37h^4 + 20h^3 \end{aligned}$$

$$\begin{aligned} 5. & (7x - 2)(3x^4 + 4x^3) \\ & = 21x^5 + 22x^4 - 8x^3 \end{aligned}$$

Multiplicar Dos Polinomios (J)

Simplifique cada expresión.

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

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

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

4. $(-2k^5 - 4k^4)(-6k + 1)$

5. $(-v^2 + 6v)(5v^2 - 5v)$

Multiplicar Dos Polinomios (J) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. & (-7m + 1)(5m^3 - 3m^2) \\ &= -35m^4 + 26m^3 - 3m^2 \end{aligned}$$

$$\begin{aligned} 2. & (3h^4 - 6h^3)(-4h - 8) \\ &= -12h^5 + 48h^3 \end{aligned}$$

$$\begin{aligned} 3. & (7q^2 + 5q)(-5q^4 + 5q^3) \\ &= -35q^6 + 10q^5 + 25q^4 \end{aligned}$$

$$\begin{aligned} 4. & (-2k^5 - 4k^4)(-6k + 1) \\ &= 12k^6 + 22k^5 - 4k^4 \end{aligned}$$

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