

Multiplying Two Binomials (A)

IM2 – 2.2 (P – cV2 MathDrills A) Binomial Multiplication

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

2. $(7k + 8)(-9k^2 - 5k)$

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

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

5. $(8y^5 + 5y^4)(4y^4 + 8y^3)$

6. $(7a^4 - 3a^3)(9a^4 - 7a^3)$

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

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

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

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

Multiplying Two Binomials (A) Answers

IM2 – 2.2 (P – cV2 MathDrills A) Binomial Multiplication

$$1. (-7z^2 - 7z)(-z^4 + 2z^3) \\ = 7z^6 - 7z^5 - 14z^4$$

$$2. (7k + 8)(-9k^2 - 5k) \\ = -63k^3 - 107k^2 - 40k$$

$$3. (5n^3 - 7n^2)(-2n - 1) \\ = -10n^4 + 9n^3 + 7n^2$$

$$4. (9x + 7)(-5x^4 - x^3) \\ = -45x^5 - 44x^4 - 7x^3$$

$$5. (8y^5 + 5y^4)(4y^4 + 8y^3) \\ = 32y^9 + 84y^8 + 40y^7$$

$$6. (7a^4 - 3a^3)(9a^4 - 7a^3) \\ = 63a^8 - 76a^7 + 21a^6$$

$$7. (-7t^4 + 9t^3)(7t^5 + 4t^4) \\ = -49t^9 + 35t^8 + 36t^7$$

$$8. (-2b^3 - 7b^2)(-5b^5 - 2b^4) \\ = 10b^8 + 39b^7 + 14b^6$$

$$9. (-7s^4 + 8s^3)(-2s^4 - 4s^3) \\ = 14s^8 + 12s^7 - 32s^6$$

$$10. (-c^4 + 4c^3)(-5c^2 - 9c) \\ = 5c^6 - 11c^5 - 36c^4$$