

Lesson 3 Assignment Multiplying Binomials & Trinomials

Period _____

Find each product.

1) $(7b + 8)(7b^2 + 8b + 5)$

2) $(5m + 4)(6m^2 + m + 6)$

3) $(4x - 6)(3x^2 - x + 4)$

4) $(4n + 3)(4n^2 - 4n + 8)$

5) $(2x + 6)(2x^2 - 8x + 5)$

6) $(8r + 1)(4r^2 - 4r + 5)$

7) $(v + 5)(6v^2 + 3v + 4)$

8) $(3n - 2)(8n^2 - 3n - 2)$

9) $(8a + 6)(5a^2 - 6a - 6)$

10) $(2n - 3)(6n^2 - 7n + 2)$

Answers to Lesson 3 Assignment Multiplying Binomials & Trinomials (ID: 1)

1) $49b^3 + 112b^2 + 99b + 40$

4) $16n^3 - 4n^2 + 20n + 24$

7) $6v^3 + 33v^2 + 19v + 20$

10) $12n^3 - 32n^2 + 25n - 6$

2) $30m^3 + 29m^2 + 34m + 24$

5) $4x^3 - 4x^2 - 38x + 30$

8) $24n^3 - 25n^2 + 4$

3) $12x^3 - 22x^2 + 22x - 24$

6) $32r^3 - 28r^2 + 36r + 5$

9) $40a^3 - 18a^2 - 84a - 36$