

Homework: Multiplication of Polynomials

Unit 10 Day 2

Find each product.

1) $6v(2v+3)$

$$12v^2 + 18v$$

2) $-4(v+1)$

3) $(2n+2)(6n+1)$

4) $(4n+1)(2n+6)$

5) $(2a-1)(8a-5)$

$$\underline{16a^2} - \underline{10a} - \underline{8a} + \underline{5}$$
$$16a^2 - 18a + 5$$

6) $(5n+6)(5n-5)$

7) $(6n+3)(6n-4)$

8) $(8n+1)(6n-3)$

9) $(6k+5)(5k+5)$

10) $(3x-4)(4x+3)$

11) $(4a+2)(6a^2 - a + 2)$

12) $(7k-3)(k^2 - 2k + 7)$

$$7k^3 - 14k^2 + 49k$$
$$- 3k^2 + 6k - 21$$
$$7k^3 - 17k^2 + 55k - 21$$