Multiplying Polynomials Worksheet

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

2) $7(-5v - 8)$

3) $2x(-2x - 3)$

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

5) $(x - 3)(6x - 2)$

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

7) $(8p - 2)(6p + 2)$

8) $(6p + 8)(6p - 8)$

9) $(3m - 1)(8m + 7)$

10) $(5n + 6)(5n - 5)$

11) $(4p - 1)^2$

12) $(6k + 5)^2$

13) $(7k - 3)(k^2 - 2k + 7)$

14) $(n^2 + 6n - 4)(2n - 4)$

Multiplying Polynomials Worksheet

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

$12v^2 + 18v$

2) $7(-5v - 8)$

$-35v - 56$

3) $2x(-2x - 3)$

$-4x^2 - 6x$

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

$12n^2 + 2n + 12n + 2$

$12n^2 + 14n + 2$

5) $(x - 3)(6x - 2)$

$6x^2 - 2x - 18x + 6$

$6x^2 - 20x + 6$

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

$8n^2 + 24n + 2n + 6$

$8n^2 + 26n + 6$

7) $(8p - 2)(6p + 2)$

$48p^2 + 16p - 12p - 4$

$48p^2 + 4p - 4$

8) $(6p + 8)(6p - 8)$

$36p^2 - 48p + 48p - 64$

$36p^2 - 64$

9) $(3m - 1)(8m + 7)$

$24m^2 + 21m - 8m - 7$

$24m^2 + 13m - 7$

10) $(5n + 6)(5n - 5)$

$25n^2 - 25n + 30n - 30$

$25n^2 + 5n - 30$

11) $(4p - 1)^2$ $(4p - 1)(4p - 1)$

$16p^2 - 4p - 4p + 1$

$16p^2 - 8p + 1$

12) $(6k + 5)^2$ $(6k + 5)(6k + 5)$

$36k^2 + 30k + 30k + 25$

$36k^2 + 60k + 25$

13) $(7k - 3)(k^2 - 2k + 7)$

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

$7k^3 - 17k^2 + 55k - 21$

14) $(n^2 + 6n - 4)(2n - 4)$

$2n^3 - 4n^2 + 12n^2 - 24n - 8n + 16$

$2n^3 + 8n^2 - 32n + 16$