

Multiplying Polynomials Worksheet

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

3) $(6p + 8)(6p - 8)$

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

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

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

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

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

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

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

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

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

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

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

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

Multiplying Polynomials Worksheet

1) $6v(2v - 1)$
 $12v^2 - 6v$

2) $7(-5v - 5)$
 $-35v - 35$

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

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

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

6) $(4n + 1)(n + 6)$
 $4n^2 + 24n + n + 6$
 $4n^2 + 25n + 6$

7) $(8p - 2)(p - 2)$
 $8p^2 - 16p - 2p + 4$
 $8p^2 - 18p + 4$

8) $(6p + 8)(6p - 8)$
 $36p^2 - 48p - 48p + 64$
 $36p^2 - 96p + 64$

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) $(7k - 3)(k^2 + 7)$
 $7k^3 - 14k^2 + 7k - 3k^2 + 6k - 21$
 $7k^3 - 17k^2 + 13k - 21$

14) $(n^2 + 6n - 4)(n - 4)$
 $2n^3 - 4n^2 + 6n^2 - 24n - 4n + 16$
 $2n^3 + 8n^2 - 28n + 16$