

Multiplying Polynomials**Find each product.**

1) $(x+1)(x-1)$

2) $(5x+7)(2x+2)$

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

4) $(6x+1)(7x-5)$

5) $(4x+7)(8x+7)$

6) $(5a-8)(6a+3)$

7) $(3a+7)(5a+4)$

8) $(2b-8)(5b+8)$

9) $(x+6)(x-6)$

10) $(3n-5)(3n+5)$

11) $(5+m)^2$

12) $(3-4n)(3+4n)$

Multiplying Polynomials

Find each product.

1) $(x+1)(x-1)$
 $x^2 - 1$

2) $(5x+7)(2x+2)$
 $10x^2 + 24x + 14$

3) $(8p-6)(8p+8)$
 $64p^2 + 16p - 48$

4) $(6x+1)(7x-5)$
 $42x^2 - 23x - 5$

5) $(4x+7)(8x+7)$
 $32x^2 + 84x + 49$

6) $(5a-8)(6a+3)$
 $30a^2 - 33a - 24$

7) $(3a+7)(5a+4)$
 $15a^2 + 47a + 28$

8) $(2b-8)(5b+8)$
 $10b^2 - 24b - 64$

9) $(x+6)(x-6)$
 $x^2 - 36$

10) $(3n-5)(3n+5)$
 $9n^2 - 25$

11) $(5+m)^2$
 $25 + 10m + m^2$

12) $(3-4n)(3+4n)$
 $9 - 16n^2$