

## Factoring Review

1.  $(2a+1)(4a^2-2a+1)$
2.  $(x^2-10y)(x^2+10y)$
3.  $(m-4)(m^2+4m+16)$
4.  $3w(3w^2+5)(3w^2-5)$
5.  $c(5c+d)(25c^2-5cd+d^2)$
6.  $q^4(p-q)(p^4+p^2q+q^2)$
7.  $5(a^2-7)(a^2+7)$
8.  $10x^2y^2(x^2+2y)(x^4-2x^2y+4y^2)$
9.  $(x^2+9)(x^2-7)$
10.  $(a^2-2)(a-1)(a+1)$
11.  $x(x-b)(x-b)$
12.  $2(m^2-7)(m^2+2)$
13.  $5(x-3)(x+3)(x^2+7)$
14.  $3u(u^2-7)(u^2+4)$
15.  $(a^2+2)(3a^2+10)$
16.  $(2n^2-1)(4n^2+1)$
17.  $(x^2+1)(x-2)$
18.  $(3b^2+2)(2b-1)$
19.  $(w^2-3)(2w+3)$
20.  $(x+2)(x-2)(x^3+5)$