

Factoring: A General Strategy - Key

In problems 1-10, factor each polynomial completely

1. $7(x-8)(x+4)$	2. $-2x(x+2)(x-2)$
3. $(8x-1)(2x+3)$	4. $3(x+2y)(x^2-2xy+4y^2)$
5. $-7x(x+3)(x-3)$	6. $(x-7)(x^2+4)$
7. $(x^2-2)(x^2-3)$	8. $(x^2+3)(x^2-3)(x^2+2)(x^2-2)$
9. $3(3x-8)(x-1)$	10. $(x^3-2)(x^3-5)$