

Factoring Polynomials
Emphasis on Factoring Difference of Squares

Completely factor each of the following:

1. $x^2 - 36$	2. $x^2 - 100$
3. $x^2 - 169$	4. $x^2 - 400$
5. $x^2 - 81$	6. $x^2 - 25$
7. $x^2 - 121$	8. $x^2 - 361$
9. $x^2 - 4$	10. $x^2 - 1$

11. $289x^2 - 9$	12. $4x^2 - 25$
13. $144x^2 - 49$	14. $64x^2 - 225$
15. $324x^2 - 361$	16. $400x^2 - 81$
17. $169x^2 - 1$	18. $256x^2 - 361$
19. $25x^2 - 196$	20. $81x^2 - 400$