

Name: _____

Date: _____

FACTOR (Look for GCF 1st)

1. $x^2 - 225$	2. $3x^2 - 7x - 6$
3. $5x^2 + 5$	4. $x^2 - 196$
5. $8x^2 - 200$	6. $4x^2 + 49$

SOLVE BY FACTORING

7. $4x^2 - 121 = 0$	8. $x^2 + 100 = 0$
9. $2x^2 + 11x + 5 = 0$	10. $x^2 - 5x - 36 = 0$
11. $81x^2 + 16 = 0$	12. $16x^2 - 100 = 0$
13. $10x - 24 = -x^2$	14. $4x^2 - 6x - 12 = x^2 - 2x + 3$