Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period \_\_\_\_\_\_\_\_

11.1 – Solving Quadratic Equations by Factoring

1. $x^{2}+3=4x$ 2. $ 2x^{2}+x=6$

solution: \_\_\_\_\_\_\_\_\_\_\_ solution: \_\_\_\_\_\_\_\_\_\_\_

1. $x^{2}-x=0$ 4. $6x^{2}=1-x$

solution: \_\_\_\_\_\_\_\_\_\_\_ solution: \_\_\_\_\_\_\_\_\_\_\_

1. $x^{2}-12=4x$ 6. $x^{2}+6x+9=0$

solution: \_\_\_\_\_\_\_\_\_\_\_ solution: \_\_\_\_\_\_\_\_\_\_\_

1. $x^{2}-36=0$ 8. $6-7x=3x^{2}$

solution: \_\_\_\_\_\_\_\_\_\_\_ solution: \_\_\_\_\_\_\_\_\_\_\_

9. $2x^{2}=8x$ 10. $4x^{2}-49=0$

solution: \_\_\_\_\_\_\_\_\_\_\_ solution: \_\_\_\_\_\_\_\_\_\_\_

1. $x^{2}+4x = 0$ 12. $x^{2}-9=8x$

solution: \_\_\_\_\_\_\_\_\_\_\_ solution: \_\_\_\_\_\_\_\_\_\_