

Name _____ Block _____

Solve by Factoring w/s 3

Factor.

1) $49 - 100x^2$

2) $x^2 - 6x + 9$

3) $81x^2 + 198x + 121$

4) $x^2 - 8x + 12$

Solve by factoring. Find all the zeros.

5) $3x^2 + 17x + 10 = 0$

6) $x^2 - 3x - 4 = 0$

7) $40x^2 + 4x = 0$

8) $8x^2 - 6x = 5$

9) $9x^2 + 25 = 30x$

10) $\frac{x^2}{6} - 2 = 0$

11) $5(x-1)^2 = 50$

12) $2x^2 + 9 = -41$