

Name: _____ **Period:** _____ **Date:** _____

Quiz Review: Solving Quadratic Functions by Factoring

Factor completely.

1. $6x^2 - 6$

2. $x^2 - 3x - 54$

3. $32x^2 + 4x$

4. $5x^2 + 19x + 12$

Find the zeros of each function by factoring.

5. $f(x) = x^2 - 4x + 3$

6. $f(x) = 3x^2 + 2x - 8$

Find the roots of each equation by factoring.

7. $x^2 + 6x = -5$

8. $4x^2 = 16$

Write a quadratic function in standard form for each given set of zeros.

9. 2 and 0

10. 5 and -1

