

Finding Roots of Quadratic Functions by X-Game Factoring A

Name: _____

Period: _____

Directions: Find the roots of each quadratic function by factoring by the X-Game. **Show all work.**

1. $f(x) = 2x^2 + 3x - 9$

2. $f(x) = 4x^2 - 23x + 15$

3. $f(x) = 2x^2 + 13x + 20$

4. $f(x) = 9x^2 - 24x + 16$

5. $f(x) = 8x^2 - 6x - 9$

6. $f(x) = 6x^2 - 13x - 5$

7. $f(x) = 16x^2 - 25$

8. $f(x) = 9x^2 + 18x + 8$