

Finding Roots of Quadratic Functions using the X-Game B

Name: _____

Period: _____

Directions: Find the roots of each quadratic functions by dividing by the GCF and using the X-Game. **Show all work.**

1. $f(x) = 105x^2 + 155x - 210$

2. $f(x) = 54x^2 - 102x - 210$

3. $f(x) = -70x^2 - 231x - 140$

4. $f(x) = 40x^2 - 130x + 75$

5. $f(x) = 160x^2 + 180x - 25$

6. $f(x) = 16x^2 - 12x - 18$

7. $f(x) = 80x^2 - 204x + 54$

8. $f(x) = -48x^2 + 147$