**Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date:\_\_\_\_\_\_\_\_\_\_\_\_Per:\_\_\_\_\_**

**Quadratic Formula Worksheet 1**

**Solve the following.**

**1.** $\frac{x}{2}=\frac{2x-6}{x}$ **2.** $\frac{2x+4}{x}=-\frac{x}{4}$

**3.** $\frac{x+3}{x-1}=\frac{x+5}{x+1}$ **4.** $\frac{2x-3}{x+5}=\frac{x+4}{x}$

**5.** $\frac{5x}{3x-2}=\frac{2x-1}{2x+1}$ **6.** $\frac{2x+5}{x-4}=\frac{x+4}{2x-5}$

**7.** $\frac{x-3}{x}=\frac{3x+2}{7}$ **8.** $-\frac{1}{2}=\frac{3x^{2}}{x}$