

# Differential Equations – Day 8 In Class

---

Professor:

Dr. Joanna Bieri

joanna\_bieri@redlands.edu

---

For each of the following problems:

1. Solve each of the equations using TWO different methods
2. Show that you get the same answer.

ALL GROUPS:

$$y' = 3(y + 7)x^2$$

$$y' = -\frac{3x^2 + 2y^2}{4xy}$$