R. Bruner Math 2150, Fall 2006, Quiz 4 September 27, 2006

One of the following is exact. Solve it with initial condition y(1) = 1.

- 1. (2x y) dx + (y + x) dy = 0
- 2. (2x y) dx + (y 2x) dy = 0
- 3. (2x y) dx + (2 x) dy = 0