

**Quiz 1**  
Prob-Stats 3350  
Fall 2008, R. Simm

Name \_\_\_\_\_

**Directions**

- Please show all work.
- You may use the graphing calculator of your choice.
- Provide EXACT representations of your probabilities as well as ESTIMATES.

1. **Verify [4 pts]:** If Shero holds two suited cards, her odds of flopping a flush (e.g. all three flop cards same suit as Shero's) are approximately 118 to 1 against.

2. **Verify [6 pts]:** If Shero holds unpaired pocket cards, her odds of pairing AT LEAST one of the cards on the flop (e.g. Shero holds AJ and flop comes J 4 2 or J J 2 or A J 2) are approximately 2.08 to 1 against.