## MATH 495: Mathematics of Cancer
## Quiz 1

**NAME:** _____                    Date: February 19, 2019

Answer the following questions on this sheet of paper. No calculators or other electronic devices are permitted.

1. (6 points) Discuss **four** "hallmarks" of cancer. That is, traits that are common among many different types of cancer. Provide at least one sentence describing each trait.

2. (4 points) Find the general solution of the following differential equation:

$$\dot{y} = 2y + 1.$$