

Quiz 6

Name: _____

Math 4548

February 20, 2014

1. (3 points). Suppose

$$F(z) = \int_{17}^z \frac{1}{\sqrt{1+t^3}} dt.$$

Then $F'(z) =$

2. (2 points). Suppose

$$F(z) = \int_{z^2}^{17} \frac{1}{\sqrt{1+t^3}} dt.$$

Then $F'(z) =$