## MAT125, Paper Homework 6

1. If

$$
x^{2}+x y+y^{3}=1,
$$

find the value of $y^{\prime \prime}$ at the point where $x=1$.
2. Find the equation to the line tangent to the curve $y=3 \arccos (x / 2)$ at the point $(1, \pi)$.

