## Takehome Quiz $3 \quad$ Calc $1 \quad$ Due 9/26/22

Each question is worth 5 points. Show good justification for full credit. Open book, open notes, feel free to collaborate with anyone, but try to make sure you understand what you turn in well.

1. Let $f(x)=\sqrt{x}$. Use the definition of the derivative to find $f^{\prime}(a)$.
