

Writing in Sage Assignment, Question 2

Reproduce the items below in the Sage worksheet:

- $\pi \approx 3.14$
- $x = \pm 2$
- $0 \leq y \leq 10$
- $f'(x) = 3x^2 - 9x + 4$
- e^{5x^2-8}
- $\sqrt[4]{\frac{3}{7}}$
- $\lim_{x \rightarrow 10} f(x)$
- $g^{(10)}(x)$
- $\sum_{n=1}^{100} \frac{1}{n^2}$
- $\int_0^2 h(x) dx$
- $\int \frac{1}{1+x^2} dx$