

Questions for recitation 10 February 2021

1. Find the area of the region in the first quadrant bounded by the curves $x = \sqrt{y}$ and $x = \frac{y^2}{8}$.
2. Find the area of the region bounded by the lines $y = 2$, $x = 0$, and the curve $y = \sqrt{x}$.
3. Find the area of the region bounded by $y = x - x^3$ and $y = x^2 - x$ for $x \geq 0$.
4. **Exercises 6.1:** #17, 20, 27, 36
5. Work on **APPLIED PROJECT** on THE GINI INDEX found at the end of exercises 6.1