QUIZ 8 - MATH 112   Friday, November 15

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Read each problem **very carefully** before starting to solve it. Each problem is worth 5 points. It is necessary to show **all** your work. Correct answers without explanations are worth 0 points. GOOD LUCK!!

1. Find the average value of $f(x) = \dfrac{1}{\sqrt[3]{x}}$ on the interval $[1, 8]$.

2. Find the area of the region enclosed by the graphs of $f(x) = x^2 - 2x + 5$ and $g(x) = 4x$.