QUIZ 3 - MATH 112

George Voutsadakis

Friday, January 30

YOUR NAME:_____

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 limit $\lim\limits_{x \to 7} \dfrac{x-7}{\sqrt{x+2}-3}$.

2. Find the limit **showing all details**: $\lim\limits_{x \to \infty} \dfrac{2x^3 - 7x}{10x^3 + 35}$.