

This quiz is worth 10 points, and you have 10 minutes to complete it.

Calculators are NOT allowed today.

1. (4 pts) Write $\frac{7}{6\sqrt[5]{x^3}}$ in the form Ax^k .

2. (6 pts) Calculate $\lim_{x \rightarrow \infty} \frac{x^{-3}}{x^2 - x^{-1}}$. Important note: Your score will be based on your written work, not just your final answer, so show your work clearly and in order and make sure it will be clear to me how you arrived at your answer.