

Math 231 Spring 2003
Quiz 8 (4/8)

Name: _____

This quiz is worth 10 points and you have 10 minutes to complete it. Show all work and circle your final answers.

Calculators are NOT allowed today.

1. (5 pts) Find $\lim_{x \rightarrow 0^-} x^{-\frac{2}{5}}$. Show your work so I can see how you arrived at your answer.

2. (5 pts) Write $f(x) = \left(\frac{1}{2\sqrt[3]{x}}\right)^4$ so that it is in the form $f(x) = Ax^k$ for some numbers A and k . Show your work. Fill in the blanks below with your values for A and k .

$A = \underline{\hspace{2cm}}$, $k = \underline{\hspace{2cm}}$.