

Math 1A: Quiz 9
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Name: _____
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You must always justify your answers. This means: show your work, show it neatly, and when in doubt, use words (and pictures!) to explain your reasoning. No justification = no points.

1. (10 pts) Evaluate the following limit:

$$\lim_{x \rightarrow \infty} (\sinh x)^{1/x}$$

Hint: For this problem, you only need to apply L'Hospital's rule once.

2. (bonus) What is one thing you have/will do better for this midterm than you did for the last one? (New study technique, new test-taking technique, etc.)