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Name: _____.

MA 26500-215 Quiz 10

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- 1.
2. Suppose $L: \mathbb{R}^n \rightarrow \mathbb{R}$ is a map that is bounded by 1, i.e., such that for every $\mathbf{x} \in \mathbb{R}^n$,

$$|L(\mathbf{x})| \leq 1.$$

Can L be a linear map?