

Math 4133 - Linear Algebra

Quiz #17 - 2013.03.08

Name: _____

1. Given a linear map $T : \mathbb{R}^n \rightarrow \mathbb{R}^m$, what condition does the dimension of $\text{Im}(T)$ and $\text{Ker}(T)$ satisfy?

2. Given a linear map $T : \mathbb{R}^n \rightarrow \mathbb{R}^m$, what is the process for computing the image and kernel of the map?