

Elementary Linear Algebra - MATH 2250 - Quiz 5

Name:

1. ☐ T ☐ F If A is any matrix, then AA^T and $A^T A$ are both symmetric.

☐ T ☐ F One quarter of the xy -plane is a subspace.

2. Briefly mention all the subspaces of \mathbb{R}^3 .

3. The set of all linear combinations of the columns of a matrix is called the _____ of that matrix.