Elementary Linear Algebra - MATH 2250 - Quiz 6

Name:

1. Mark each of the followings as True or False (No explanations required).

   $\boxed{\text{T}}$ $\boxed{\text{F}}$ The set of all vectors that lie on a line through origin form a vector space.
   $\boxed{\text{T}}$ $\boxed{\text{F}}$ The set of all vectors that lie on a plane through origin form a vector space.
   $\boxed{\text{T}}$ $\boxed{\text{F}}$ The union of any two vector spaces is a vector space.
   $\boxed{\text{T}}$ $\boxed{\text{F}}$ The intersection of any two vector spaces is a vector space.