

Homework 9

due on 11/11/11

Section	Exercises
6.2	15
6.3	1,3,8,9bc,11
6.4	1,2
6.6	7,9
6.7	2,6

A. Let $T : \mathbf{V} \rightarrow \mathbf{W}$ be linear. Prove that $T(u - v) = T(u) - T(v)$ for all $u, v \in V$.

B. Let $f : I \rightarrow J$ be a function. Prove that $f \circ \text{id}_I = f$ and $\text{id}_J \circ f = f$.