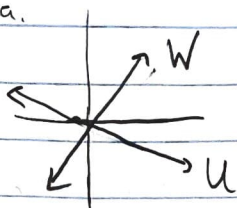
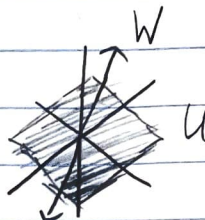


## Review Sheet II

2) a.

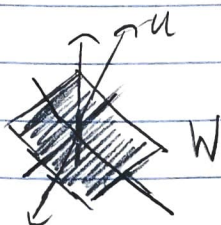


b.

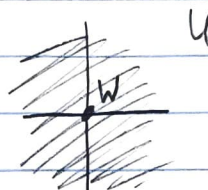


(a line through the plane)

c.



d.



e.



3) a.  $W = \{ (c, 0, 0) \mid c \in \mathbb{R} \}$

b.  $W = \{ a \mid a \in \mathbb{R} \} = \mathbb{P}_0(\mathbb{R})$

c.  $W = \{ a, x \mid a, x \in \mathbb{R} \}$

d.  $W = \text{subspace of } n \times n \text{ symmetric matrices.}$