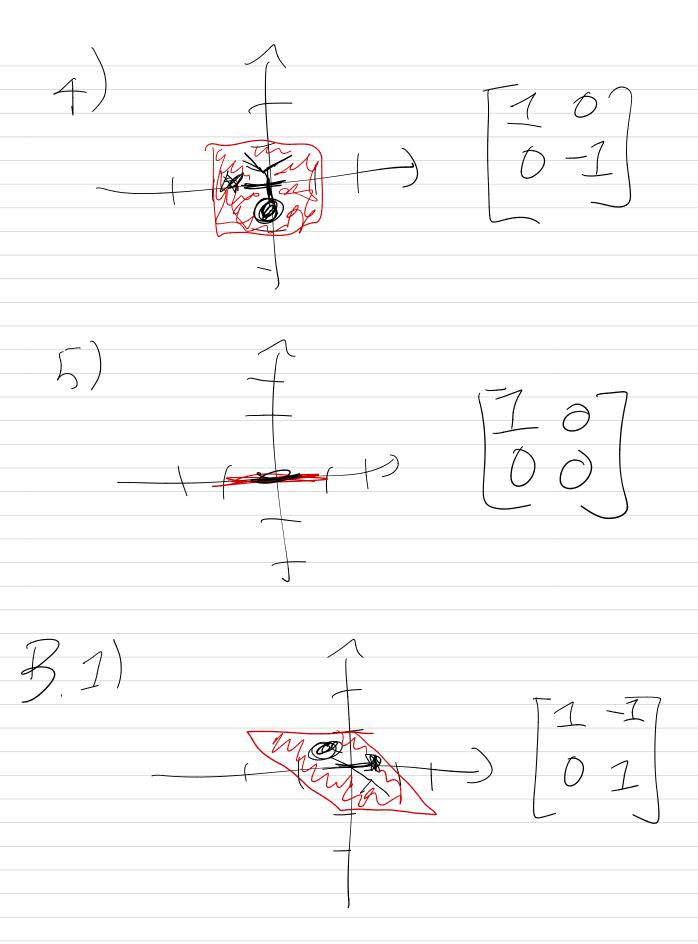
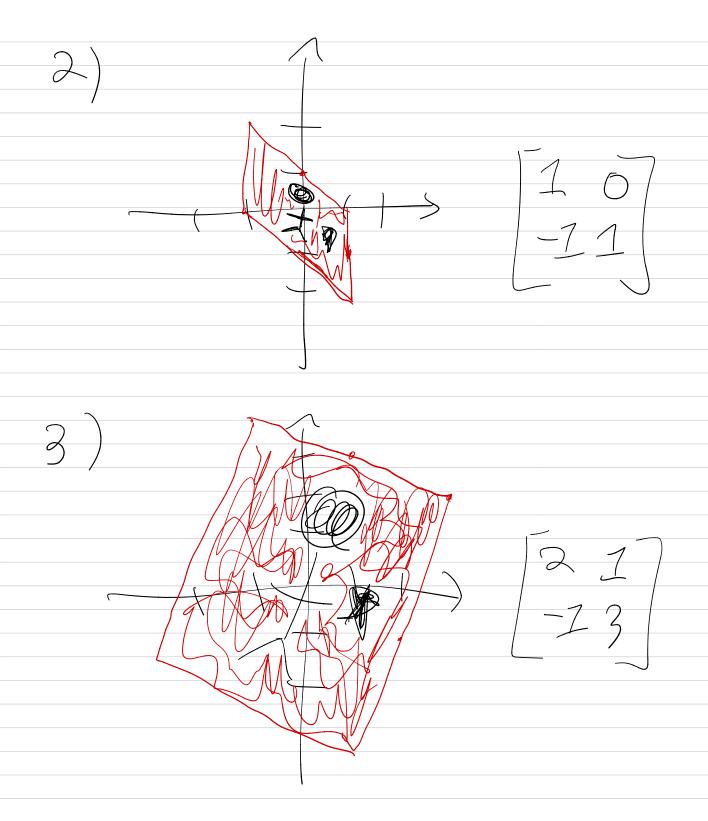
Worksteet #4 Solutions





nt, one-RiR) 1 , no flere afre

E-1) R) R 2) A B Pow equivalent to onto but => hot one-to-one 3) Ax= 5 3 always consistent, never ingressoltion. Every solt-low set is a line. F. 1) no 2) yes: 2x2 3) yes: 5x5

H. 1) From the theoren on fle-first page about Standard matrices. 2) (Tou(e1)= T(u(e2)) $= T(b_1) = Ab_1$ 3) Similarly, To Weil- A bi for each v. So standad mothit of ToU

(ToU)(e1) -- (ToU)(en) = [Ab1 --- Abn]