A is mxn	Rows of A	lin. indep. (and m=n)	Rows of A	(and m>n)	Isous of A are lin. indep.	(and m < n)	Rows of A	lin. dep.
(0 ≠ x ←) 0 ≠ q	A + A +	A-16 only solution	1 solution OR No solution (DNE)		α solutions x ∈ Span + xp		OR solutions	No solution (DNE)
10 " 16	Land of the state	18 10 11 18	Solution	wo:kno.		> solutions in cluding x=0		
Solve for x Ax = 6		Columns	ore lin. indep.		Columns	are I	III. akp.	



