Wednesday 11/18/15	MATH 611 HW6 Idution Q16.
	1b.
	R integral danach.  0 = a = R :s inreducible if a is not a unit
	12. 2/ Co L c when It
	b? Ja=bc, b, c not mits.
	Equivalently 1. (a) $\neq R$ 4 z. $\neq 3$ s.t. (a) $\neq (6) \subsetneq R$ .
	7 7 7
	Recall my an ideal TCR of a maximal if
	$T \neq R$ $A \neq ideal I s.t. I \subseteq I \subseteq R$
	Recall, my an ideal ICR of a ring R is maximal if  I = R A 7 ideal I s.t. I = J = R.  (every ideal is principal)
	So, if R is a principal ideal domain, see that an
	ideal $I = (a)$ is maximal $\langle = \rangle$ a is irreducible,
	assuming $T \neq (0) = \{0\}$ .
	J
	Finally (0's is maximal <=> R=R/(0) is a field.
	if R is a PID, not a field, then the Maximal ideals
	are (a) for a & R ineducible.
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