Name:	Dr. Reichler's	Bio 325 TTh 7:3	0-9pm Fall 2007	Quiz 9/20
1) Nucleotides should be able to be Why?	added to either e	nd of RNA, but a	are only added at the	e 3' end.
2) What is different about the size of transcription initiation?	of prokaryotic and	d eukaryotic pron	noters, and how doe	s this affect
3) How is the information in a matu	are mRNA differe	ent from the codi	ng region of the gen	e?
4) Are the number of genes compridifferent proteins that can be produc		_	arily indicative of th	e number of
5) In the experiment looking at the researchers measure and what did ea			tail, what two thing	s did the
6) What happens at translation inititail?	ation that explain	s the common fu	nctions of the 5' cap	o and poly-A
7) What are the three RNA molecular	les involved in tra	anslation, and wh	at does each do?	
8) There are 64 codons, what are tw	vo reasons that th	ere are less than	64 tRNA's?	
9) Which ribosome would have a lothe mRNA?	onger polypeptide	e attached to it, or	ne at the 5' end or th	ne 3' end of