Reading Quiz #1

Name	e:	_ Class:	Student I.D. #	
Read	Sections 1.1-1.3(pages 1	-43)& 2.1-2.3(pages 90-111) and work out the following	ng problems.
1.	How many ways mentio words.	ned in section 1.1 to repres	sent a function? Write the	m down in your own
2.	How many types of elemexample for each type.	nentary functions mentioned	d in section 1.2? Write then	m down and give one
3.	How many ways describ them in your own words	ed in section 1.3 to obtain s.	a new function from an old	d function? Describe
4.	How many ways menticy your own words.	oned in section 1.3 to comb	bine a pair of functions?	Write them down in

5. How many different types of limits introduced here? Write their definitions down.

6. State all theorems which help you computing limits of functions.

111.19 Find the limit $\lim_{x \to -4} \frac{\frac{1}{4} + \frac{1}{x}}{4 + x}$.

111.21 Find the limit $\lim_{x\to 16} \frac{4-\sqrt{x}}{16x-x^2}$.