Reading Worksheet for Sections 1.1 and 1.2

History of Mathematics

August 24, 2009

1. For every Geographic reference in the reading, annotate the world map with which

	you've been provided. Write the list of places here.									
2.	According to our author, what is the significance of creating symbols for numbers, and hence detaching numbers from the objects to be counted?									
	hence detaching numbers from the objects to be counted.									
3.	Knot theory is a major modern area of mathematics. How does it appear in these sections?									

4. How many different bases for number systems (e.g. decimal) are mentioned? Document

each below.

5.	Find a	vocabular	word	with	which	you	were	unfamilia	in	the	text,	and	give	its	defini-
	tion.														

6. In tribal setting counting seems to have a number of uses. Calculation is another story. Conjecture several requirements for calculations such as addition and subtraction. That is, in a tribal setting what sorts of activities or needs actually require additive or subtractive calculations? How about multiplication or division? Are there any conceivable applications of geometry in the tribal setting?