## Math 242 Reading Guide

Mathematical technology

NAME

Read *How today's pros solve math problems: Part 1*, by Keith Devlin, at the following address: http://devlinsangle.blogspot.com/2018/02/how-todays-pros-solve-math-problems.html Then answer the following questions:

Τŀ	nen answer the following questions:
1.	At the beginning of the blog post, Devlin gives a diagram of "important mathematical technology tools."
	(a) Which of these tools do you use frequently?
	(b) Are there any items that you are surprised to see on this list?
2.	What does Devlin mean by "solving a mathematical problem"? Does he use this phrase to mean something different than what you would expect it to mean?
3.	What is the most valuable thing that Devlin gained from his procedural learning in college? (Hint: It's still valuable today.)
4.	With regard to the work of a mathematician, Devlin says: "All that these fancy new tools have done is change the level at which we humans operate." What does this mean?