Computational Linear Algebra	Last Name:
How Computers Store Numbers / Day 2	First Name:
Please put away all electronic devices. This will look at the second page but will ignore	s sheet will be collected but not assessed. The professore the first page.
in communications with others, a 1:1 ration Research by Fredrickson and Losada relationships that flourish show a positivity is, on average, people need to receive	e Resilience Project at Wofford). We might assume that of positive and negative statements is "good" or "fair." (2005) contradicts this assumption, showing that y bias, surpassing a positivity ratio of around 3 to 1. That at least three positive utterances, such as support, onegative one, such as disapproval, sarcasm, or cynicism
	you would like to see flourish more. It could be a family elationship, or anything else. State the relationship and
Brainstorm three positive utterances you o	could make to the other person.
2	
3	
·	is might depend on whether you interact with the other phically proximate, and so forth. For instance, you could on sometime this weekend."

Write this machine number as a base-10 number:
1 10000000101 100100010000000000000
Answer:
You've seen that computations can suffer from loss of significance (with the "most dangerous' operation being subtraction of nearly equal numbers). Well unfortunately, we need to calculate what we need to calculate! If your calculation ends up involving subtraction of nearly equal numbers, what is the strategy for trying to avoid loss of significance? Here, I'm looking for a verbal explanation of a general strategy, <i>not</i> specific mathematical statements.