## CALCULUS JOURNAL RELATED RATES

1.	Related rate problems are so named because
2.	To convert the original equation to an equation involving rates, you must
	by using
3.	When setting up related rate problems, numbers should be used to label
	while a variable should be used to label
4.	How do you determine whether to reduce the number of variables in a problem before taking the
	derivative or to use all variables in the original formula?
5.	Problems which involve the rate at which an angle is changing usually require the use of
	to set up the initial equation.
6.	The volume of a prism is found by
7.	The geometric concept of can be used to create a relationship between
	two variables which do not have a direct relationship (such as the width and depth of a trough).
8.	List and describe three potential errors that can be made when working related rate problems.
	1.
	2.
	3.
9.	Write a series of steps for solving related rate problems.