

Practice with Testable Hypotheses

Directions: Read each statement below. If it is a testable question like those we have been studying, write "Yes" in the "A testable question" column, write the independent and dependent variables and write a hypothesis in the last column. If the statement is not a testable question, write "No" in the "A testable question" column and leave the other columns blank.

Statement	A testable question?	If Testable write the variables.		If testable, write a hypothesis statement for the experiment.
		Independent Variable	Dependent Variable	
Does the temperature of water affect how rapidly salt will dissolve?				
How does an electric motor work?				
Are there more cricket chirps on warm nights than on cool nights?				
What is the effect of slope of the land on the amount of soil erosion?				
How do volcanoes erupt?				
How does the amount of fertilizer affect the rate of plant growth?				