**EXPERIMENTAL VARIABLES**

A variable is any factor that can be ______________ or ___________ in an experiment.

A) ______________ Variable
- factor that you ____________ or __________ in an experiment.
  ie.

B) ______________ Variable
- factor that you ______________ or ______________ in an experiment.
  ie.

C) ______________ Variable
- factor(s) kept the __________ or __________ so they do not affect the outcome of an experiment.
  ie.
TRY THIS: Underline the dependent variable; Circle the independent variable; Box the controlled variable(s)

1. The number of roses in bloom is recorded daily for three weeks.

2. The number of leaves that fall to the ground are counted every hour for 1 day.

3. Geranium plants are given different types of fertilizer and the number of seeds produced are counted.

4. Guinea pigs are kept at different temperatures for 6 weeks. Percent weight gain is recorded.

5. Men, aged 30-40 years old, are placed on treadmills at a constant speed. Their heart rates are recorded for different inclines.

6. St. John’s Wort is an herb that helps to prevent depression in post-menopausal women.