Applied Math
Process Data

✔ Course Objectives

1. Define a process variable.
2. Find information about process variables from graphs and charts.
3. Define a trend.
4. Define Statistical Process Control.
5. Describe the parts of a control chart.
6. Describe common cause and special cause variation.
7. Define a stable (in control) process and an unstable (out of control) process.
8. List rules for detecting special causes.
9. Define control strategy (special cause action plan).
10. List the types of actions in a control strategy.

Key Terms (Define the following)

process variable - _____

_____

set point - _____

_____

statistical process control - _____

_____

trend - _____

_____

control chart - _____

_____

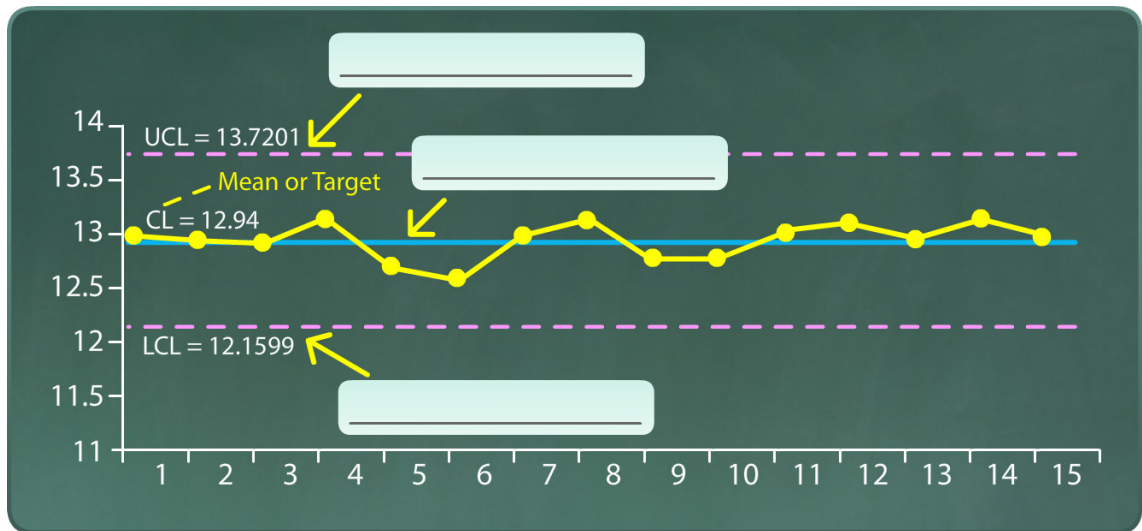common cause variation - _____

_____

special cause variation - _____

_____

special cause action plan - _____

_____

Questions

1. Label the parts of the control chart.

2. List the actions in a control strategy (special cause action plan).
   1) _____
   2) _____
   3) _____
   4) _____
   5) _____