*This test should be taken WITHOUT notes, without textbook or any other outside resources. Approved Reference Materials may be used. Choose the best answer for each question*.

Multiple Choice:

Use the Answer Section below to place your answers. Suggestion: print out this page to write your answers while you take the test. You can scan or take a phone pic of the Answer page and insert it back into the test for grading (along with the problem section).

1.

2.

3.

4.

5.

1. A graph of distance against time is a straight line with a slope of 1. If you wait for 3 time units to pass, how many distance units have been traveled?

a. 1

b. 2

c. 3

d. none of the choices

2. For a graph representing distance against time, which variable is the dependent variable?

a. Distance

b. Time

c. Speed

d. Can't be determined

3. If a graph is labeled as Distance vs. Time, then time is the variable on the \_\_\_.

a. y-axis

b. vertical axis

c. the slope line

d. x-axis

4. For a graph representing rainfall as a function of time passed, which variable is the independent variable?

a. Amount of rain

b. Time

c. Volume of rain

d. Can't be determined

5. The axes of a graph are labelled as kilometers on the y axis and hours on the x axis. Which of the following could be a slope value for this graph?

a. 10 kilometers/hour

b. 10 hours/kilometer

c. 50 kilometers

d. 25 hours