

Name (Last, First) \_\_\_\_\_  
ENGR 100 Section Number \_\_\_\_\_

University of Louisville  
JB Speed School of Engineering  
Critical Thinking Assessment

Instructions:

- Mark your answers to questions 1-10 on the scantron and on the assessment.
- Bubble in your name and student identification number on the scantron

A. Select the best answer to the following 5 multiple choice questions:

1. Aspects of critical thinking involve all of the following EXCEPT:
  - a. Critical judgments
  - b. Elements of reasoning
  - c. Essential intellectual traits
  - d. Universal intellectual standards
2. A characteristic of critical thinking is
  - a. brevity
  - b. judgementalness
  - c. logicalness
  - d. subjectivity
3. A race track is one mile long. If a driver goes around once at 30 miles per hour, how fast must he drive in the second lap to average sixty miles per hour over both laps?
  - a. 30 miles per hour
  - b. 60 miles per hour
  - c. 90 miles per hour
  - d. Impossible to accomplish
4. A man buys 9 gallons of paint. He can only carry 2 at a time to the car. How many trips from the store to the car does he have to make?
  - a. 4.5 trips
  - b. 5 trips
  - c. 9 trips
  - d. 10 trips
5. Victor, Virgil, Vincent, Vio, and Vance are brothers performing in a five man traveling circus known as the little big top. They are in no particular order, a clown, a juggler, an acrobat, a magician, and a strong man. Whenever they perform, their acts appear in the same order. The clown comes after Victor and Vio, but before the magician. The acrobat comes on third. Neither the strong man nor Vincent is the first or the last to perform. Virgil, Victor, and Vio perform in that order. Who performs first?
  - a. Vance
  - b. Victor
  - c. Vincent
  - d. Virgil
  - e. Vio

OVER

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B. Indicate the extent you agree or disagree with each of the following statements:

	Strongly Agree	Agree	Disagree	Strongly Disagree	Neutral
6. People either are or are not critical thinkers.	A	B	C	D	E
7. A person's critical thinking occurs automatically with self discipline.	A	B	C	D	E
8. Critical thinking can be learned and developed.	A	B	C	D	E
9. An aspect of critical thinking is being critical.	A	B	C	D	E
10. Critical thinking is important, but not essential to success as an engineer.	A	B	C	D	E

C. Complete the following sentence on this assessment form. Do not mark the scantron.

Critical thinking is \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_