



**BASIC
ENGINEERING DESIGN**

OVERVIEW

QUIZ

Question 1

The Engineering Design Cycle consists of 9 basic steps that should be followed in order, from start to finish.

- a. True
- b. False

Question 2

In most engineering design situations, several prototypes are constructed before the best design solution is selected.

- a. True
- b. False

Question 3

After a design solution is presented, insights and direction gained from the design review are typically noted and considered in a redesign phase.

- a. True
- b. False

Question 4

The Engineering Design Cycle can be followed in any order, skipping steps as the design engineer needs to in order to make the best use of time.

- a. True
- b. False

Question 5

The Engineering Design Cycle does not formally include the the following step (check one):

- a. Simulate the design
- b. Construct a prototype
- c. Identify the problem
- d. Select the best solution