Title: **Binary to Decimal Conversion** Worksheet: 1

Course: Introduction to Automation Unit: Introduction to PLC CLO: 4

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Objectives**

1. Student shall calculate a decimal number given a binary number.

**Instructions**

Convert the following binary number to the decimal equivalent.

10111110 \_\_\_\_\_\_\_\_\_\_

00100110 \_\_\_\_\_\_\_\_\_\_

11011011 \_\_\_\_\_\_\_\_\_\_

01101101 \_\_\_\_\_\_\_\_\_\_

11111001 \_\_\_\_\_\_\_\_\_\_

10011011 \_\_\_\_\_\_\_\_\_\_

11111111 \_\_\_\_\_\_\_\_\_\_

00010000 \_\_\_\_\_\_\_\_\_\_

01010101 \_\_\_\_\_\_\_\_\_\_

10101010 \_\_\_\_\_\_\_\_\_\_

00110011 \_\_\_\_\_\_\_\_\_\_

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