Title: **Octal to Decimal Conversion** Worksheet: 3

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

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

**Objectives**

1. Student shall calculate a decimal number given its equivalent value in octal form.

**Assessment**

Students shall demonstrate a comprehension of the objectives listed above by scoring a minimum of 75% on this Worksheet. Grading shall be based on the answer key.

**Instructions**

Convert the following octal numbers to their decimal equivalents.

1. 378 \_\_\_\_10
2. 128 \_\_\_\_10
3. 548 \_\_\_\_10
4. 38 \_\_\_\_10
5. 1268 \_\_\_\_10
6. 168 \_\_\_\_10
7. 778 \_\_\_\_10
8. 108 \_\_\_\_10
9. 1018 \_\_\_\_10
10. 2118 \_\_\_\_10

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