

## Chapter 3 Number Systems: Individual Exercises

Due on June 9th, 2019  
Computer Organization & Programming  
CS555WS—Summer I  
Ed Banduk

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**Problem 3.** Convert this binary number  $101011010_2$  to Decimal.

**Solution**  $346_{10}$

**Problem 4.** Convert this binary number  $101011010_2$  to Octal.

**Solution**  $532_8$

**Problem 5.** Show the decimal number 147 in Binary.

**Solution**  $10010011_2$

**Problem 7.** Convert this octal number  $1234_8$  to Decimal.

**Solution**  $668_{10}$