

## COMPUTER NUMBER SYSTEMS

1. Which number is the largest?

$2A3_{16}$   $1243_8$   $678_{10}$   $1010100101_2$

2. Evaluate the following expression and express the answer in octal:

$101101_2 * B7_{16}$

3. Find the average of the following numbers and express the answer in octal:

$110111_2$   $63_{10}$   $3A_{16}$   $124_8$

4. Which number has the most 1s in binary representation:

$178_{16}$   $567_8$   $101110110_2$   $565_8$   $377_{10}$