

## Binary Addition

1. Add:  $1011_2 + 1101_2$
2. Add:  $10010_2 + 1101_2$
3. Add:  $1111_2 + 1111_2$
4. Add:  $101010_2 + 11100_2$
5. Add:  $11011_2 + 10101_2$

## Binary Subtraction

1. Subtract:  $1101_2 - 1010_2$
2. Subtract:  $10011_2 - 1101_2$
3. Subtract:  $11110_2 - 1011_2$
4. Subtract:  $10010_2 - 1011_2$
5. Subtract:  $10101_2 - 1111_2$

## Binary Multiplication

1. Multiply:  $101_2 \times 11_2$
2. Multiply:  $110_2 \times 10_2$
3. Multiply:  $111_2 \times 101_2$
4. Multiply:  $1001_2 \times 11_2$
5. Multiply:  $1010_2 \times 110_2$

## Binary Division

1. Divide:  $1100_2 \div 10_2$
2. Divide:  $1010_2 \div 11_2$
3. Divide:  $1111_2 \div 11_2$
4. Divide:  $10010_2 \div 101_2$
5. Divide:  $11010_2 \div 10_2$