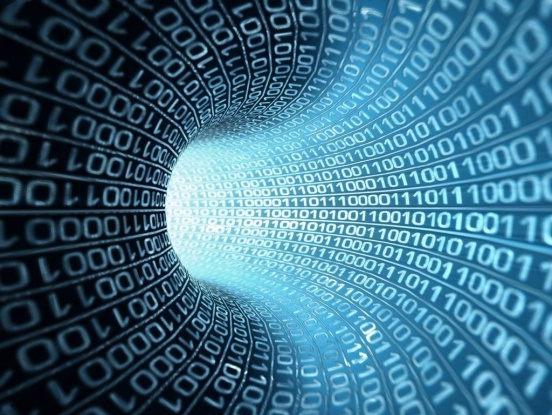
**Computer Science & Software Engineering**

**Hexadecimal to Decimal Conversion**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_ Period \_\_\_\_\_\_

Technology Education Dept

Pittsford Central Schools

**Procedure**

One method to convert a hexadecimal number to a decimal number is to multiply the hexadecimal’s MSB by 16 (the base number) and add the next bit. Repeat the procedure.

25E16 = 60610

2x16 = 32+5 = 37

37x16 = 592 +14 = 606, 2 is the MSB (16 is the base), E (14) is the LSB

**Convert the following Hexadecimal numbers to Decimal:**

1. E416 = 22810

2. 3C16 = 6010

3. 5DF16 = 150310

4. F616 = 24610

5. DC116 = 352110

6. B216 = 17810

7. CC316 = 326710

8. 7CA16 = 199410

9. EE516 = 381310

10. F116 = 24110