



**Part 3: Convert these numbers from Octal to Decimal**

a.  $(71)_8 = ( \quad )_{10}$

b.  $(200)_8 = ( \quad )_{10}$

c.  $(1101)_8 = ( \quad )_{10}$

d.  $(361)_8 = ( \quad )_{10}$

e.  $(47)_8 = ( \quad )_{10}$

**Part 4: Convert these numbers from Decimal to Octal**

a.  $(37)_{10} = ( \quad )_8$

b.  $(101)_{10} = ( \quad )_8$

c.  $(22)_{10} = ( \quad )_8$

d.  $(86)_{10} = ( \quad )_8$

e.  $(76)_{10} = ( \quad )_8$

**Part 5: Convert these numbers from Hexadecimal to Decimal**

a.  $(99)_{16} = ( \quad )_{10}$

b.  $(6AE)_{16} = ( \quad )_{10}$

c.  $(7C)_{16} = ( \quad )_{10}$

d.  $(210)_{16} = ( \quad )_{10}$

e.  $(10101)_{16} = ( \quad )_{10}$

**Part 4:** Convert these numbers from Decimal to Hexadecimal

a.  $(37)_{10} = ( \quad )_{16}$

b.  $(101)_{10} = ( \quad )_{16}$

c.  $(22)_{10} = ( \quad )_{16}$

d.  $(86)_{10} = ( \quad )_{16}$

e.  $(76)_{10} = ( \quad )_{16}$