



Elementary, Number Conversion

Name _____

Date _____

Convert the following numbers to the required base

(1) From binary to HEX: 10101100001001010

(2) From hex to binary: 116DB

(3) From decimal to octal: 31030

(4) From decimal to HEX: 52089:

(5) From binary to decimal: 10001011100010

(6) From HEX to decimal: 11971:

(7) From octal to decimal: 123346

(8) From HEX to decimal: 50F:

(9) From decimal to HEX: 79767

(10) From decimal to binary: 9914:

(11) From dec to base-4: 92225

(12) From octal to decimal: 223361:



Answers

Convert the following numbers to the required base

(1) From binary to HEX: 10101100001001010
= 1584A

(2) From hex to binary: 116DB
= 10001011011011011

(3) From decimal to octal: 31030
= 74466

(4) From decimal to HEX: 52089
= CB79

(5) From binary to decimal: 10001011100010
= 8930

(6) From HEX to decimal: 11971
= 72049

(7) From octal to decimal: 123346
= 42726

(8) From HEX to decimal: 50F
= 1295

(9) From decimal to HEX: 79767
= 13797

(10) From decimal to binary: 9914
= 10011010111010

(11) From dec to base-4: 92225
= 112201001

(12) From octal to decimal: 223361
= 75505