Number System Conversions

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👉 Fill in the blanks to each of the statements, converting the values from one number system to another.

(1) 1 in hexadecimal is equal to **1** in decimal

(2) 10 in binary is equal to **1010** in decimal

(3) 3 in decimal is equal to **011** in binary

(4) 100 in binary is equal to **4** in decimal

(5) 9 in hexadecimal is equal to **1001** **9** in decimal

(6) 54 in decimal is equal to **00110110** **36** in hexadecimal

(7) 57 in decimal is equal to **111001** in binary

(8) 42 in hexadecimal is equal to **01000010** **66** in decimal

(9) 1000110 in binary is equal to **134** in decimal

(10) 10111110 in binary is equal to **190** in decimal

(11) 5 in decimal is equal to **101** in binary

(12) 110 in binary is equal to **6** in decimal

(13) 7 in decimal is equal to **111** in binary

(14) 1000 in binary is equal to **8** in decimal

(15) 29 in decimal is equal to **00011101** **1D** in hexadecimal

(16) 95 in decimal is equal to **01011111** **5F** in hexadecimal

(17) 97 in decimal is equal to **1100001** in binary

(18) 100 in decimal is equal to **01100100** **64** in hexadecimal

(19) 91 in hexadecimal is equal to **10010001** **145** in decimal

(20) 196 in decimal is equal to **11000100** in binary