## Converting Various Bases to Binary (I)

Write each number as a binary number.
1.
Hexadecimal $=8$
Binary =
2.
Hexadecimal $=4 \mathrm{E}$
Binary =
3.
Octal $=1431$
Binary =
4. $\quad$ Hexadecimal $=1 \mathrm{E} 1$
Binary =
5.
Decimal $=788$
Binary =
6.
Decimal $=600$
Binary =
7.

Hexadecimal $=399$
Binary =
8. $\quad$ Hexadecimal $=130$

Binary =
9.
Hexadecimal $=21 \mathrm{EC}$
Binary =
10. $\quad$ Decimal $=2317$
Binary $=$

Write each number as a binary number.
1.
Hexadecimal $=8$
Binary $=1000$
3.

Octal $=1431$<br>Binary $=1100011001$

5. 

Decimal $=788$
Binary $=1100010100$
7.

Hexadecimal $=399$
Binary $=1110011001$
9.
Hexadecimal $=21 \mathrm{EC}$
Binary $=10000111101100$
2. $\begin{aligned} & \text { Hexadecimal }=4 \mathrm{E} \\ & \text { Binary }=1001110\end{aligned}$
4. $\quad$ Hexadecimal $=1 \mathrm{E} 1$

Binary $=111100001$
6. $\quad$ Decimal $=600$
Binary $=1001011000$
8. $\quad$ Hexadecimal $=130$

Binary $=100110000$
10. $\quad$ Decimal $=2317$

Binary $=100100001101$

