Base 2 and Base 8

NAME _____

BASE 2

1+1 = _____

1 + 1 + 1 = _____

10 + 10 = _____

Base 2 Addition Problems

  1110101
+1000111

Change to base 2 (binary).

1 _____
2 _____
4 _____
8 _____
16 _____
32 _____
64 _____

What is the pattern? _____

BASE 8

Fill in the table for base 8 numbers.

Base 8	Base 10
1	1
2	2
3	3
4	4
5	5
6	6

Base 8 Math Facts

7+ 1 = _____
5+ 5 = _____
4+ 4 = _____
10 + 1 = _____
17+ 1 = _____

Base 8 Addition Problem

  13467
+15373

What are the place values for base 8?

Ones _____
“Tens” _____
“Hundreds” _____