Compliments of base Lectures

Arithmetic operations in different

base base -Addition Base 8 47 +36 105 11111 367654 + 12 367 5 513551 O to B 1111 1 BA96 + 6 A B 59 8 A A 33 Base 16 A - 10 1 ABFCD + 51 7 3 21 - 13 6 C B Q E E F-115 The Good Pape

	MY CHOICE
Date:	
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11-11-11 101101101 1+1 => 10 110110111

1+0 => 1 0+1 071 0+0 =>0

101100011101 + 101101 111111 1011010011100

38+43=80 base?

(38) n + (43) n = (80) n

3n+8 +4n+3 = 8n.

11 2 n Any

4+4= 14 basen

(4) x + (4) x = (14) x

4+4= 2+4

no 4 X No Solution

4+4 29 base? ( yn +(4) n = (9) n

4+4 = 9. X

4+4 = 10 bass.? (4)n+ (4)n = (10)n 1) Assume die in basse to 4+4=11 (4) n + (4) n = (11) n 2) Add them and dividely ougotient on 11 & remainder on Subtraction game use do in be Base 8 1/2 5677 3235015 100000 74322

\* Base 16 - 10 OICFDBA 18539AF AN Binary bases 1110112 10000 1001 -001111111 010000000 Rule for subtration 1) if we need borrow then subtract 1 from LHS & we will add to the current digit and then perform Subtraction. Multiplication
Ly Recursive procedure of addition 2+3 = 2+2+2 = 6 36 x15 180 33,6 x Base 8 86 (36 x5)+(36x10) 340 921X √The Good Paper

Dafe:\_\_\_ Page No. Base 12 3 8 3 1 A B 3 4 X 5 8 A 8 0 4 2 3 A-10 B 34 IA 5BA 171494 190408 X 96848 XX B53A 154 14 13 Tiols √The Good