Divide 11110010 by 00000111 dividend is in 2's complement representation, and divisor is in true form the ansewer (quotient) will be the negative number. convert Droided to true form. 1111010 7 00001110 -14 + 14, we will we this To and subtract divisor, we add in complement form. 00000111 -> 11111001 properties -7 19=00000000 00001110 + 11111001 sport. 11100000X 9/20000001 + 111 11001 9 = 200000000 X00000000 vemainder = 0 9 = 00000010 Remember, the result (9) should be in negative herefore 00000010-> 11111110 Answer: 111111102

-21 Divide 11101011 by 1111101 The result will be positive. pridered 11101011 -> 00010101 920000000 00010101 + 1 1 1 1 1 101 100010010 av = 00000000 +11111101 100001111 9 20000000 +11111101, 100001100 9= 800000011 +11/11/101 X00001001 9 2 00000100 +11111101 X00000110 9 20000010 +111111101 1100000011 9 2 60000110 +111111101 1000000000 8 20000l the Since the answ choold be possibile 9 2 00000111

Divide 11/0/01/ 64 00000011 -21 the result will be negative. repeating the same procedure 10101000 + 11111101 100000000 9=00000111 Stuce, the answer is regative we convert 90 Into complement form. 00000111 - 7 11111001 9 = 111110012 Pivide 00010110 by 00000111 The answer will be a positive number 00000111 7 1111 1001

9/200000000 00010110 11111001 9/200000001 X00001111 + 11111001 x00000000 an = 000000010 + 11111001 9/200000011 100000001 = 3 -we can stop here since the remainder is less that divisor. 08 100000001 +11111001 11111010 > negative result. Stophy but don't increase the quotient values. Auswer: Since it is a positive number 9=00000011 8 = 000000001

