Enecking 2 sample manual work - hex FFES as unsigned docimal: binary 1111 1111 1110 0101 Dorin's way: 1, 3, 7, 15, 31, 85 63, 127, 255, 511, 1023, 2047, 4694, 8183, 16377, 32754, 65509 - binary COII 1010 1001 0100 as signal docimal: two complement: 1100 0101 0101 + 1 - 1100 0101 0110 1100 Y Doh! no need for two s complement because sign bit is agro Dorin's way: 1, 3, 7, 14, 24, 58, 117, 234, 468, 937, 1874, 3744, 7492 14996 - octal 076660 as hexadecomal: binary: 0 111 110 110 110 000 regroup: 7 D B D TDBO - octal 171375 as hexadecomal: binary: F E F D FEFD - hex \$100 as signal docimal: binary: 1000 0001 1100 0000 > sign bit is 1, consult to negate two sec. 0111 1110 0111 111 111 - Dorin's way: 1,3,7,5,31,63,126,252, 505, 1010, 2020, 4040, 5080 16100 \$22200 > payetal	
Dorin's way: 1, 3, 7, 15, 31, 555, 613, 127, 255, 511, 1023, 2047, 4094, 9188, 16377, 32754, (5509) - binary COII 1010 1001 0100 as signed decimal: - two complement: 1100 0101 010 101+ + 1 = 1100 0101 0140 1100 ** Doh! no need for two complement because sign bit is agero Donn's way: 1, 3, 1, 14, 24, 58, 117, 234, 468, 937, 1874, 3744, 7492 14996 - octal 076660 as hexadecimal: binary: 0 111 110 110 110 100 000 regroup: 7 DBO - octal 177375 as hexadecimal: binary: 1 111 111 011 111 101 regroup: F E F D → FEFD - hex 2100 as signed decimal: brary: 1000 0001100 0000 → sign bit is 1, somed to negate two c: 0111 1110 0011 1111 - t	Eneraling 2 sample manual work
Dorin's way: 1, 3, 7, 15, 31, 15 63, 127, 255, 511, 1023, 2047, 4094, 9188, 16377, 32954, (5509) - binary COII 1010 1001 0100 as signed decimal: - two complement: 1100 orio 010 orio 111 + 1 = 1100 0101 orio 1140 1100 ** Doh! no need for two complement because sign bit is nevo Donn's way: 1, 3, 1, 14, 24, 58, 117, 234, 468, 937, 1874, 3744, 7492 4996 - octal 076660 as hexadecimal: binary: 0 111 110 110 110 110 000 regroup: 7 DBO - octal 177375 as hexadecimal: binary: 1 111 111 011 111 101 regroup: F E F D → FEFD - hex 2100 as signed decimal: brany: 1000 0001 1100 0000 → sign bit is 1, consect to negate two c: 0111 1110 0011 1111 - Donn's way: 1,3,7,15,31,63,126,252, 0111 1110 0100 0000 в - 500, 13,7,15,31,63,126,252, 16/60, 323200 → regected	- hex FFE5 as unsigned decimal: binary 1111 1110 0101
- binary CCII 1010 1001 0100 as signed decimal: two complement: 1100 or	Donin's way: 1,3,7,15, 31, 0 63, 127, 255, 511, 1023, 2047,
+ two complement: 1100 0101 0101 + 1 = 1100 0101 0110 1100 → Doh! no need for two's complement because sign bit is 2010 Donn's way! 1,3,7,14,24,58, 117, 234, 468, 937, 1874, 3744, 7492 14996 - octal 076660 as hexadecimal: binarg! 0 111 110 110 110 000 regroup: 7 D B O → 7DBO - octal 171375 as hexadecimal: binarg: 1 111 111 011 111 101 regroup: F E F D → FEFD - hex 8100 as signed decimal: binary: 1000 0001 1100 0000 → sign bit is 1, somed to negate + wo's c: 0111 1110 0011 1111 † Donn's way: 1,3,7,15,31,63,126,252, 0111 1110 0100 000 6 505,1010,2020,4040,8080 16100, 32320 → negated	4094, 8188, 16 377, 32 754, 65509
+ two complement: 1100 0101 0101 + 1 = 1100 0101 0110 1100 → Doh! no need for two's complement because sign bit is 2013 Dorn's way! 1,3,7,14,24,58, 117,234,468,937, 1874, 3744, 7492 14996 - octal 076660 as hexadecimal: binarg: 0 111 110 110 110 000 regroup: 7 D B O → 7DBO - octal 171375 as hexadecimal: binarg: 1 111 111 011 111 101 regroup: F E F D → FEFD - hex 8100 as signed decimal: binarg: 1000 0001 1100 0000 → sign bit is 1, consult to negate + two's c: 0111 1110 0011 1111 † Dorn's way: 1,3,7,15,31,63,126,252, 0111 1110 0100 000 6 505, 1010, 2020, 4040 \$0.800 16100 (\$2320) regested	- binary 0011 1010 1001 0100 as signed decimal:
→ Doh! no need for two s complement because sign bit is agord Donn's way! 1,3,1,4,24,58, 117, 234, 468, 937, 1874, 3744, 7492 14996 - octal 076660 as hexadecimal: binarg! 0 111 110 110 110 000 regroup: 7 D B O → 7DBO - octal 171375 as hexadecimal: binarg: 1 111 111 011 111 101 regroup: F E F D → FEFD - hex \$100 as signed decimal: binarg: 1000 0001 1100 0000 → sign bit is 1, somed to negate two's c: 0111 1110 0011 1111 †	
Donn's way: 1,3,7, 14, 24, 53, 117, 234, 468, 937, 1874, 3744, 7498 14996 - Octal 076660 as hexadecimal: binarg: 0 111 110 110 110 000 regroup: 7 DBO - octal 177375 as hexadecimal: binarg: 1 111 111 011 111 101 regroup: F E F D → FEFD - hex 3100 as signed decimal: binarg: 1000 0001 1100 0000 → sign bit is 1, consult to negate two's c: 0111 1110 0011 1111 t 1 Donn's way: 1,3,7,15,31,63,126,252, 0111 1110 0100 000 B 505, 1610, 2020, 4040, 8080	* Doh! no need for two's complement because sign bit is zero
binary: 0 111 110 110 110 000 regroup: 7 D B O 7DBO - octal 177375 as hexadecimal: binary: 1 111 111 011 111 101 regroup: F E F D > FEFD - hex 81CO as signed decimal: binary: 1000 0001 1100 0000 > sign bit is 1, somed to negate two's c: 0111 1110 0011 1111 t	Donn's way: 1,3,7,14,29,58, 117, 234, 468, 937, 1874, 3749, 7498 14996
- octal 177 375 as hexadecimal: binary	- octal 076660 as hexadecimal:
- octal 177 375 as hexadecimal: binary	binary: 0 111 110 110 110 000
binary: 1 111 111 011 111 101 regroup: F E F D → FEFD - hex \$100 as signed decimal: binary: 1000 0001 1100 0000 → sign bit is 1, somed to negate two's c: 0111 1110 0011 1111 t	
regroup: F E F D -> FEFD - hex \$100 as signed decimal: binary: 1000 0001 1100 0000 -> sign bit is 1, somed to negate two's c: 0111 1110 0011 1111 t	- octal 177375 as hexadecimal:
regroup: F E F D -> (FEFD) - hex \$100 as signed decimal: binary: 1000 0001 1100 0000 -> sign bit is 1, somed to negate two's c: 0111 1110 0011 1111 t	binary 1 111 111 011 111 101
binary: 1000 0001 1100 0000 \rightarrow sign bit is 1, someth to negate two's c: 0111 1110 0011 1111 \rightarrow Dorin's way: 1,3,7,15,31,63,126,252, 0111 1110 0100 0000 \rightarrow 505, 1010, 2020, 4040, 8080 \rightarrow 16/60,	
two's c: 0111 1110 0011 1111 t Donn's way: 1,3,7,15,31,63,126,252, 0111 1110 0100 0000 t 505, 10:0, 2020, 4040, 8080 16/60, (32320) regarded	- hex 8100 as signed decimal:
two's c: 0111 1110 0011 1111 t Donn's way: 1,3,7,15,31,63,126,252, 0111 1110 0100 0000 t 505, 10:0, 2020, 4040, 8080 16/60, (32320) regarded	bring: 1000 0001 1100 0000 -> sign bit is 1, somed to negate
1 Donn's way: 1,3,7,15,31,63,126,252, 0111 1110 0100 0000 505, 1010, 2020, 4040, 8080 16/60, (32320) > regented	
0111 1110 0100 000 0 505, 1010, 2020, 4040, 8080	
16/60, (32320) > regarded	
(52.720)	= (-32320)