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Class: CIS-17A

	Base 10	Base 2	Base 8	Base 16
	127	1111111	177	7F
	21	10101	25	15
	57	111001	71	39
	171	10101011	253	AB

127/16 = 7, R15
7/16 = 0, R7

127(10) = 7F(16)

127/8 = 15, R7
15/8 = 1, R7
1/8 = 0, R1

127(10) = 177(8)

127/2 = 63, R1
63/2 = 31, R1
31/2 = 15, R1
15/2 = 7, R1
7/2 = 3, R1
3/2 = 1, R1
1/2 = 0, R1

127(10) = 1111111(2)

1	0	1	0	1
16	8	4	2	1

16 + 8 + 4 +2 + 1 = 21(10)

21/16 = 1, R5

1/16 = 0, R1

21(10) = 15(16)

21/8 = 2, R5

2/8 = 0, R2

21(10) = 25(16)

7	1
111	001

71(8) = 111001(2)

1	1	1	0	0	1
32	16	8	4	2	1
+	+	+			+

32 + 16 + 8 + 1 = 57(10)

57/16 = 3, R9

3/16 = 0, R3

57(10) = 39(16)

A	B
1010	1011

AB(16) = 10101011(2)

1	0	1	0	1	0	1	1
128	64	32	16	8	4	2	1
+		+		+		+	+

128 + 32 + 8 + 2 + 1 = 171(10)

171/8 = 21, R3
21/8 = 2, R5
2/8 = 0, R2

171(10) = 253(8)