Reading Quiz O.1

ntro. to degits and bases

all of the above

2. B (10) There are 10 digits in the decimal system as the prefix -deci means 10.
3. C (8 digits for an & based system)

 $255 = 2 \times 10^{2} + 5 \times 10$ (200) (50)

Base or Binary

Binary to decimal

1000 =

1101=

	Lu Dessilia
	reduce Oranilian Oranbora
	2. Decimal to Briang
	2. Lectrical to strong them attack at entail
	32=
	32/2 = 16 r 0 = $11 = 5 r 1$
	8/2 = 4 r O 5/2 = 2 r l
	4/2 = 2 r 0 $2/2 = 1 r 0$
	2/2 = 1 r 0 $1/2 = 0 r 1$ $1/2 = 0 r 1$ Binary = 1101
	Binary = 100000
	17-
	42/2 = 21 r 0 $17/2 = 8 r 0$ $21/2 = 10 r 1$ $8/2 = 4 r 0$ $10/2 = 5 r 0$ $4/2 = 2 r 0$
alle,	
	2/2 = 1 r 0 Bihary = 1001
83	1/2 = 0 0 r 1 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0) + (2 x 0)
	Binary = 101010
	Base or Hexidectmals
	i. The correct answer is B (12 in Hexidecimal = C)
	system yes digits 1-9 and A=10, B=11, and C=12
[13	2. 255 = 15 r 15 P
	255/16 = 15 r 15
	5 / 2111
15	Since that is is already less them 16 we can
n	of divide this any further. The hexide comal expression
T ₃	15.



