

Packed decimal (Binary Coded Decimal):
each digit is replaced with 4 bit equivalent

ex: 5372 $\xrightarrow{\text{BCD}}$ 0101 0011 0111 0010

Parity:

Check the number of 1s

-even parity: total numbers of 1 is even

-odd parity: odd

ex: 0110 0001 has odd parity

ex: 0001 1000 has even parity

Horner's method

ex: 10011011 to decimal

2		1	0	0	1	1	0	1	1
			+	+	+	+	+	+	
	↓	2	4	8	18	38	76	154	
		1	2	4	9	19	38	77	155