

Puzzle time

Code breaker



A code is a way of writing a message in secret.
The code below is very easy.
Each letter of the alphabet is replaced by a number.
Send your message in numbers and then your friend
can use the de-coder to find out what it says.

THE DE-CODER

A	B	C	D	E	F	G	H	I	J	K	L	M
1	2	3	4	5	6	7	8	9	10	11	12	13
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
14	15	16	17	18	19	20	21	22	23	24	25	26

So, if I want to write 'hello' I would write 8 for H, 5 for E, 12 for L and 12 for L again and then 15 for O.

My code would be 8 5 12 12 15

Now try and work out what this says.



The code:

9			1	13		2	18	9	12	12	9	1	14	20
1	20		13	1	20	8	19							



Puzzle time

Digit detector

You have got to be a detective to solve the problem below.

What is the least number of calculations you need to do to be absolutely certain of how much Norman Number is worth?

You must do them in the order shown.

How many am I?

1. I am a three digit number.
2. I am an odd number.
3. I am divisible by 5.
4. Each of my digits is different.
5. My digits add up to 8.
6. The tens digit is smaller than the hundreds digit.
7. I am less than 300.
8. I have only one even digit.





Puzzle time

Dress 'Addy'

Addy likes red, blue and yellow.

He has a red, a blue and a yellow hat.

He has a red, a blue and a yellow t-shirt and

he has a red, a blue and a yellow pair of shorts.



How many different ways
can I dress - perhaps I
could start with a red hat,
red shirt and red shorts....



