

The Beauty of Mathematics



Here is an interesting way to look
at the beauty of mathematics



Wonderful World



$$1 \times 8 + 1 = 9$$

$$12 \times 8 + 2 = 98$$

$$123 \times 8 + 3 = 987$$

$$1234 \times 8 + 4 = 9876$$

$$12345 \times 8 + 5 = 98765$$

$$123456 \times 8 + 6 = 987654$$

$$1234567 \times 8 + 7 = 9876543$$

$$12345678 \times 8 + 8 = 98765432$$

$$123456789 \times 8 + 9 = 987654321$$



$$1 \times 9 + 2 = 11$$

$$12 \times 9 + 3 = 111$$

$$123 \times 9 + 4 = 1111$$

$$1234 \times 9 + 5 = 11111$$

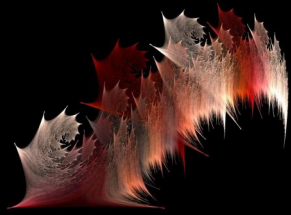
$$12345 \times 9 + 6 = 111111$$

$$123456 \times 9 + 7 = 1111111$$

$$1234567 \times 9 + 8 = 11111111$$

$$12345678 \times 9 + 9 = 111111111$$

$$123456789 \times 9 + 10 = 1111111111$$



$$9 \times 9 + 7 = 88$$

$$98 \times 9 + 6 = 888$$

$$987 \times 9 + 5 = 8888$$

$$9876 \times 9 + 4 = 88888$$

$$98765 \times 9 + 3 = 888888$$

$$987654 \times 9 + 2 = 8888888$$

$$9876543 \times 9 + 1 = 88888888$$

$$98765432 \times 9 + 0 = 888888888$$

Brilliant, isn't it?



And look at this symmetry:

$$1 \times 1 = 1$$

$$11 \times 11 = 121$$

$$111 \times 111 = 12321$$

$$1111 \times 1111 = 1234321$$

$$11111 \times 11111 = 123454321$$

$$111111 \times 111111 = 12345654321$$

$$1111111 \times 1111111 = 1234567654321$$

$$11111111 \times 11111111 =$$

$$\mathbf{123456787654321}$$

$$111111111 \times 111111111 =$$

$$\mathbf{12345678987654321}$$



Now, take a look at this...

From a strictly mathematical viewpoint:

What Equals 100%?

What does it mean to give 100%?

How about ACHIEVING 100%.

What equals 100% in life?





Here's a little mathematical
formula that might help
Answer these questions:



lf:



A B C D E F G H I J K L M N O P Q R
S T U V W X Y Z

Is represented as:

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
17 18 19 20 21 22 23 24 25 26.

then



H-A-R-D-W-O-R-K

$$8+1+18+4+23+15+18+11 = 98\%$$

and

K-N-O-W-L-E-D-G-E

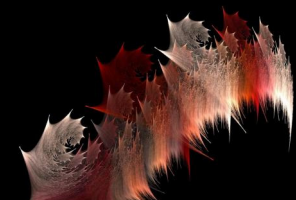
$$11+14+15+23+12+5+4+7+5 = 96\%$$



But

A-T-T-I-T-U-D-E

$$1+20+20+9+20+21+4+5 = \mathbf{100\%}$$



Therefore, one can conclude
with mathematical certainty
that:

While Hard Work and
Knowledge will get you close,
Attitude will
get you there!

Have a great day!