

## Amazing Number Nine

by Piyush Goel - Thursday, September 05, 2013

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IT IS VERY INTERESTING TAKE ANY NUMBER OF DIGITS. HERE I AM TAKING 25 AND 32

- YOU CAN WRITE THEM IN FOUR WAYS LIKE THAT(25\*32/25\*23/52\*23/52\*32)

$$25*32=800$$

$$25*23=575$$

$$52*23=1196$$

$$52*32=1664$$

- SUBTRACT BIGGER ONE TO ANY LOWER, ONE BY ONE

$$1664-1196=468=4+6+8=18=1+8=9$$

$$1664-575=1089=1+0+8+9=18=1+8=9$$

$$1164-800=864=8+6+4=18=1+8=9$$

$$1196-575=621=6+2+1=9$$

$$1196-800=396=3+6+9=18=1+8=9$$

$$800-575=225=2+2+5=9$$

**Always THE SUM IS 9. IT IS TRUE FOR ANY DIGITS..**

Here are some amazing numbers

A.

- $26*22*1.75=1001$
- $26*22*3.5=2002$
- $26*22*5.25=3003$
- $26*22*7=4004$
- $26*22*8.75=5005$
- $26*22*10.5=6006$

- $26*22*12.25=7007$
- $26*22*14=8008$
- $26*22*15.75=9009$
- $26*22*17.5=10010$

C.

- $26*22*5.25=3003$
- $26*22*10.5=6006$
- $26*22*15.75=9009$
- $26*22*21=12012$
- $26*22*26.25=15015$
- $26*22*31.5=18018$
- $26*22*36.75=21021$
- $26*22*42=24024$
- $26*22*47.25=27027$
- $26*22*52.5=30030$

B.

- $26*22*3.5=2002$
- $26*22*7=4004$
- $26*22*10.5=6006$
- $26*22*14=8008$
- $26*22*17.5=10010$
- $26*22*21=12012$
- $26*22*24.5=14014$
- $26*22*28=16016$
- $26*22*31.5=18018$
- $26*22*35=20020$

D.

- $26*22*7=4004$
- $26*22*14=8008$
- $26*22*21=12012$
- $26*22*28=16016$
- $26*22*35=20020$
- $26*22*42=24024$
- $26*22*49=28028$
- $26*22*56=32032$
- $26*22*63=36036$
- $26*22*70=40040$

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