$(10000001)_2$

Who? Gunter Liszewski

When? Belfast, August 2018

About this

About this

A $(129)_{10}$, $(81)_{16}$, same thing, looks different

About this

A $(129)_{10}$, $(81)_{16}$, same thing, looks different

B What will be here?

About this

A $(129)_{10}$, $(81)_{16}$, same thing, looks different

B What will be here?

C How?

About this

A $(129)_{10}$, $(81)_{16}$, same thing, looks different

B What will be here?

C How?

D Thoughts!

The point is this...

Because of this, there is that

$$\sum_{k=0}^{n} k^2 = \frac{n(n+1)(2n+1)}{6}$$

for example, $n = 2$

Then $\sum_{0 \leq k \leq 2}$ gives $0 + 1 + 4 = 5$, and, on the other side $n = 2$ and $\frac{n(n+1)(2n+1)}{6}$ sets as $\frac{2(2+1)(2\times 2+1)}{6}$ or in concrete $\frac{2\times 3\times 5}{6}$, or even just 5.