

Forum:[Hack Forums](#)

Thread: [Number Puzzle made by a 4 Year Old!](#)

TheDubWubCub - August 23, 2014, 1:01 pm

Hello HF! ?

So I use Dollar shave club & once a month they send you this little booklet that has interesting stuff in it, (puzzles, facts, random stuff).

The one I recently got had a puzzle that was made by a 4 year old & I thought it was pretty cool & also thought you guys would like it too! ?

Try to solve it before looking up the answer haha, it took me about 20 minutes haha, but I was over-thinking it!?

Here it is:

Spoiler ([Click to View](#))

Good luck!?

[img]http://blog.dollarshaveclub.com/wp-content/uploads/2014/07/August-Rompecabeza.png[/img]

Go ahead & post your thoughts & progress about this. ?

If you liked this type of thread, check out these other ones! ?

Spoiler ([Click to View](#))

[Look & Say Number Sequence!](#)

[My #6 Crypto Contest!](#)

Have fun! ?

javitribale - August 23, 2014, 1:37 pm

$2+3=5$

$1+11=5$

$7+3=3$

Less 5 minutes to solve;)

segdeh - August 23, 2014, 3:49 pm

That's a good puzzle. Not too difficult to figure out. I think working with different bases is helpful. I have not checked the official answer, but I think I know how it works.

I also got 5, 5, 3.

This reminds me of one that is more difficult that I solved in a competiton.

It is called "Decitroll"

Here it is:

BED97 CAF8DD = C96DD777AB
DA9 DDD667 = ???

Post what you think the answer is.
For an extra challenge,
C98D7B * 89CA67 = ???
Good luck! ?

BTC: 12M3WnLnj8UZtZBK5WZjRo935dpz4DAbaq
Donations Greatly Accepted

Fafaffy - August 23, 2014, 3:50 pm

Being a programmer who is very familiar with base, I read the first 3 numbers (the top left, top right, and second-to-top-left) and figured it out. Wasn't hard.

TheDubWubCub - August 23, 2014, 4:23 pm

(Aug 23, 2014 01:37 PM)javitribale Wrote: [\[CITE\]](#) 2+3=5

1+11=5

7+3=3

Less 5 minutes to solve;)

(Aug 23, 2014 03:50 PM)Fafaffy Wrote: [\[CITE\]](#) Being a programmer who is very familiar with base, I read the first 3 numbers (the top left, top right, and second-to-top-left) and figured it out. Wasn't hard.

Good job ?

(Aug 23, 2014 03:49 PM)segdeh Wrote: [\[CITE\]](#) That's a good puzzle. Not too difficult to figure out. I think working with different bases is helpful. I have not checked the official answer, but I think I know how it works.

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Donations Greatly Accepted

I found the [source code](#) of it, but I still can't seem to figure it out haha oh well, nice post! ?

segdeh - August 23, 2014, 4:45 pm

Lol you are overthinking this.?

Not the same 'decitroll' I guess. The one I provided is extremely easy to solve compared to what you linked to.

Keep working at it ?

TheDubWubCub - August 23, 2014, 5:07 pm

(Aug 23, 2014 04:45 PM)segdeh Wrote: [\[CITE\]](#) Lol you are overthinking this.?

Not the same 'decitroll' I guess. The one I provided is extremely easy to solve compared to what you linked to.

Keep working at it ?

Pretty sure it's the source code, but if you say so haha.

My first thought was to convert letters to #'s (A=1,B=2,C=3...) but I realized that wasn't it... what I didn't realize at the time was that A didn't equal 1... it equaled 0 haha.

DA9 DDD667 = BADBADBAD

C98D7B 89CA67 = C66B669CC8F7

Thanks for posting this! :D