

The Bigger One Solution

Puzzle: Alec Sun

Solution: Michael Chen

Answer: THIRTEEN

The puzzle, like the title and the flavor text suggests, is all about picking the bigger option. From there, you get a website which, being a curious young person, you should visit (instead of submitting it as an answer). The website is:

<http://pickthebiggershape.herokuapp.com> The website contains a game which is basically again all about picking the bigger one. Once you pass thirty and lose (this is the hardest part - this puzzle unfortunately is broken if you never lose), you will get the secret message: **At which number shape are concave polygons allowed to appear?** Using the helpfully added hint, ***Remember, stage equals score plus one***, or by guessing a bit, you should arrive at the correct answer: **THIRTEEN**.

Below, the correct choice is bolded and in purple while in red are the correct calculations or numbers.

H or P

A or **T**

E or **T**

P or W

: or ;

\ or **/**

/ or \

+

P or C

E or **I**

C or A

K or D

S or **T**

E or H

E or B

+

`chr((1+2+...+11) = 66 = B` or 65)

`chr(100-27 = 73 = I` or `23+24 = 47)`

`chr(2**6 = 64` or `80-9 = 71 = G)`

`chr(7100//99 = 71 = G` or `2030//44 = 6)`

`chr(69 = E` or `2**6 = 64)`

`chr(1-4+16-64+125 = 74` or `82 = R)`

+

`chr([7th pentagonal number] = 70` or `[23rd prime number] = 83 = S)`

`chr([11th Fibonacci number (OEIS)] = 55` or `[sum of 8th row of Lozanic's triangle] = 72 = H)`

`chr([magic constant of 5x5 magic square] = 65 = A` or `[smallest 6th power > 1] = 64)`

`chr([semiperfect number and menage number] = 80 = P` or `[centered pentagonal number and telephone number > 1] = 76)`

`chr([department number of Rhône] = 69 = E` or `[number of counties in Florida] = 67)`

+

[.herokuapp.com](https://herokuapp.com)