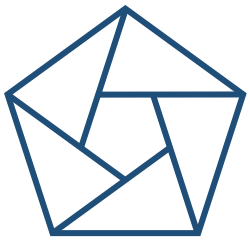
Corinthian Partnership

Year 6 Mathematics Competition

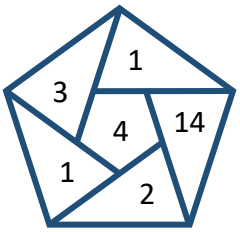


Put any six numbers in the spaces of the shape above, including repeats.

The aim is to make all the numbers from 1 up to as high as you can get by adding.

You can only add numbers next door to each other (i.e. in adjacent spaces). You can only add on the number in a space once each time.

For example:



1
2
1+2 = 3
4
1+4 = 5
1+4+1 = 6
3+4 = 7
3+4+1 = 8
3+1+4+1 = 9
2+4+1+3 = 10
2+4+1+3+1 = 11
But 12 cannot be made!

<u>11</u> is the highest with this arrangement

How high can you get?

Year 6 pupils of the Corinthian Partnership schools are invited to submit their highest solution to the problem above.

Entries should be submitted to their class teacher.

The deadline for entries is **Monday 14 October 2019.**

The winning pupil and their school will each receive a challenging lateral thinking game.