



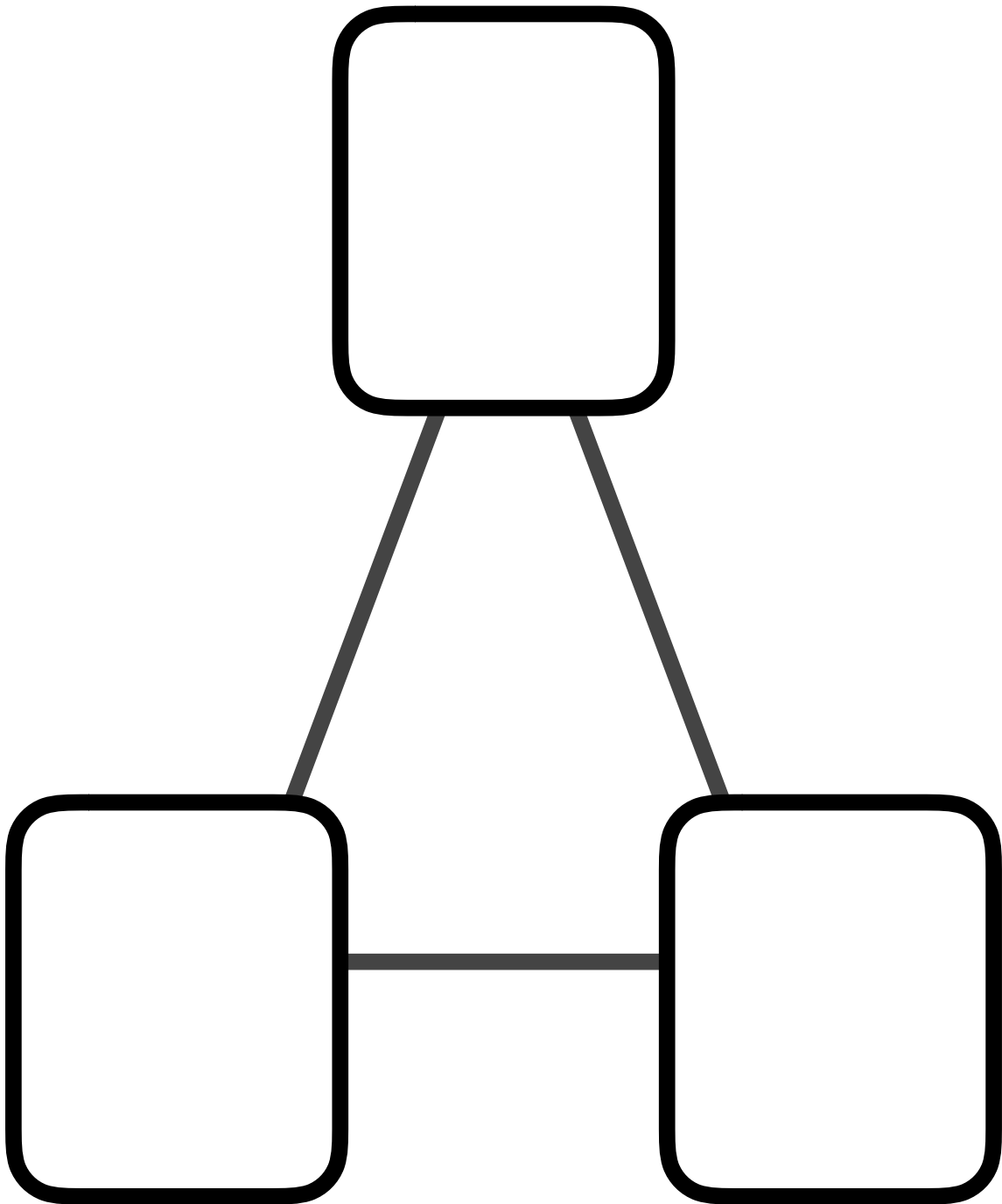
Puzzles

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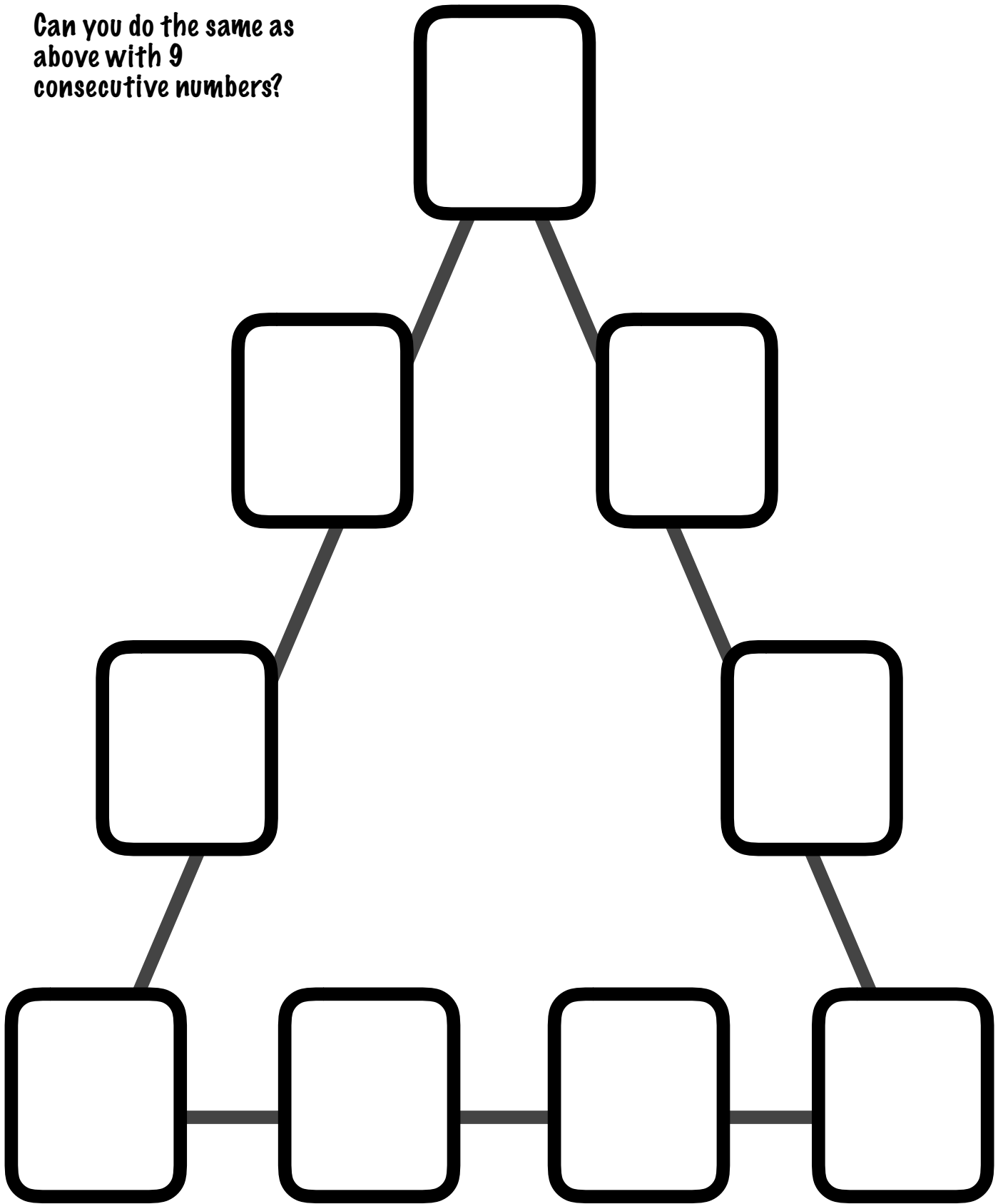


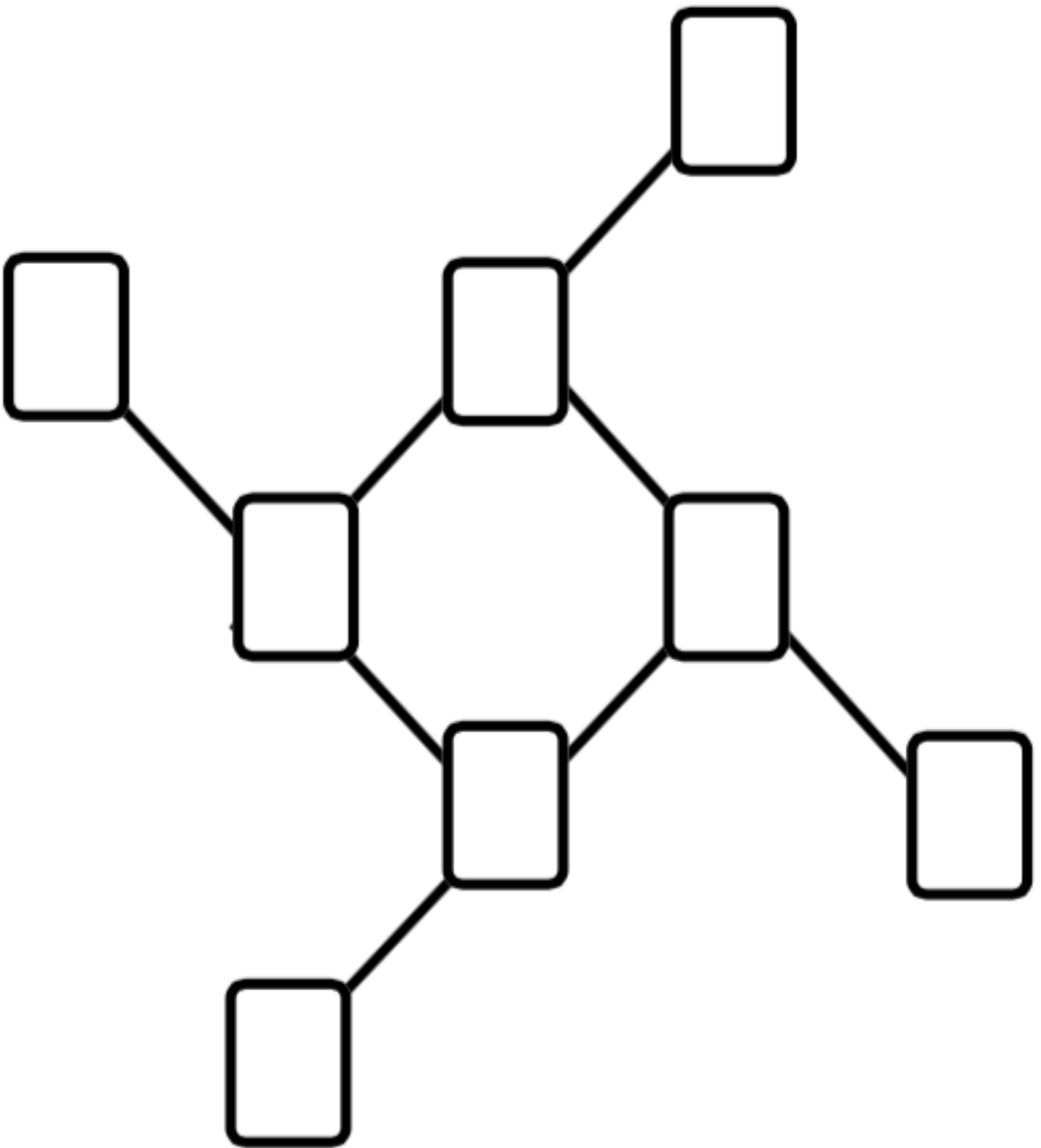
Are you ready for some math challenges?

Use any three numbers so all the lines add up to the same number. Can see any pattern?

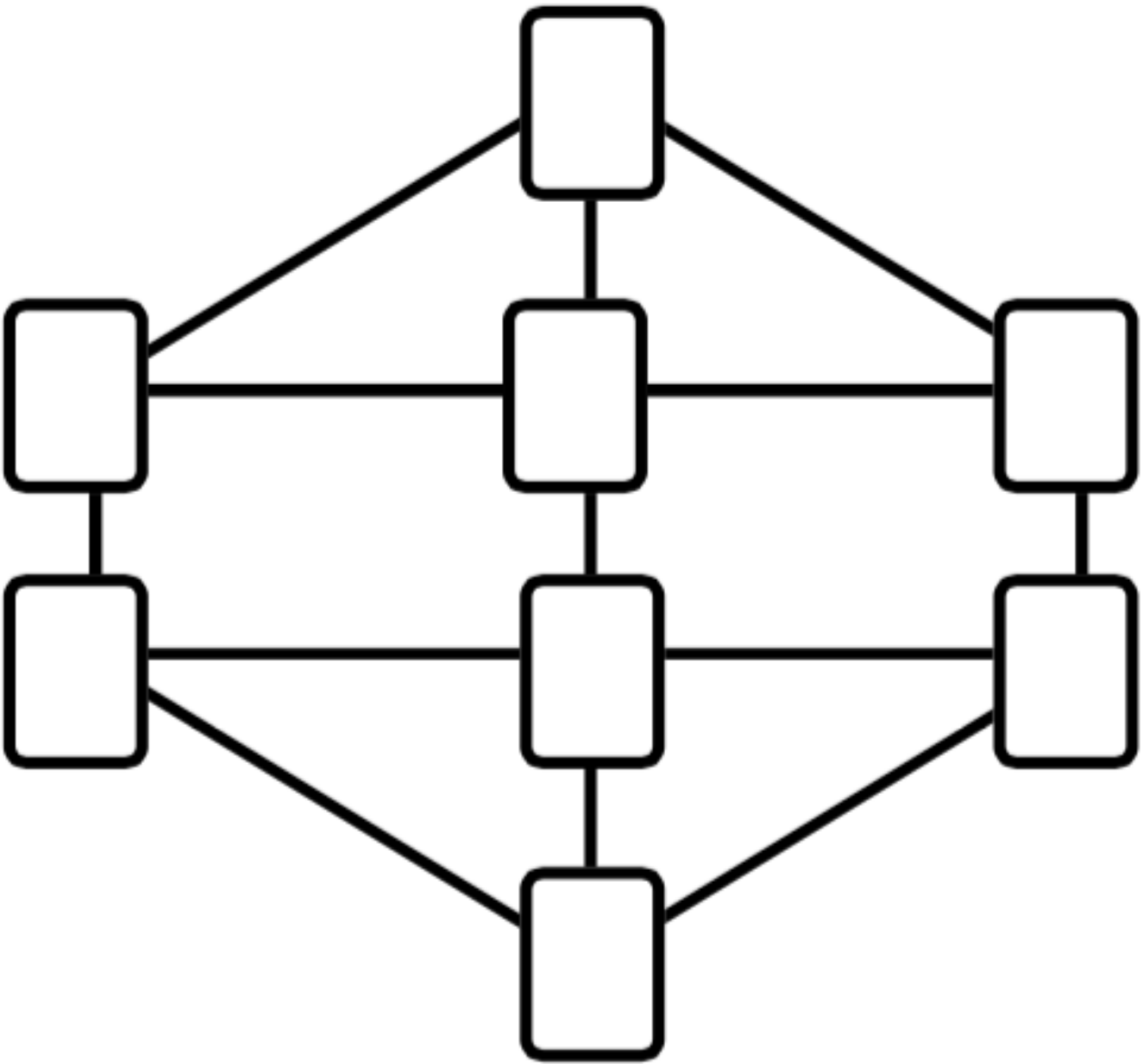


Can you do the same as above with 9 consecutive numbers?

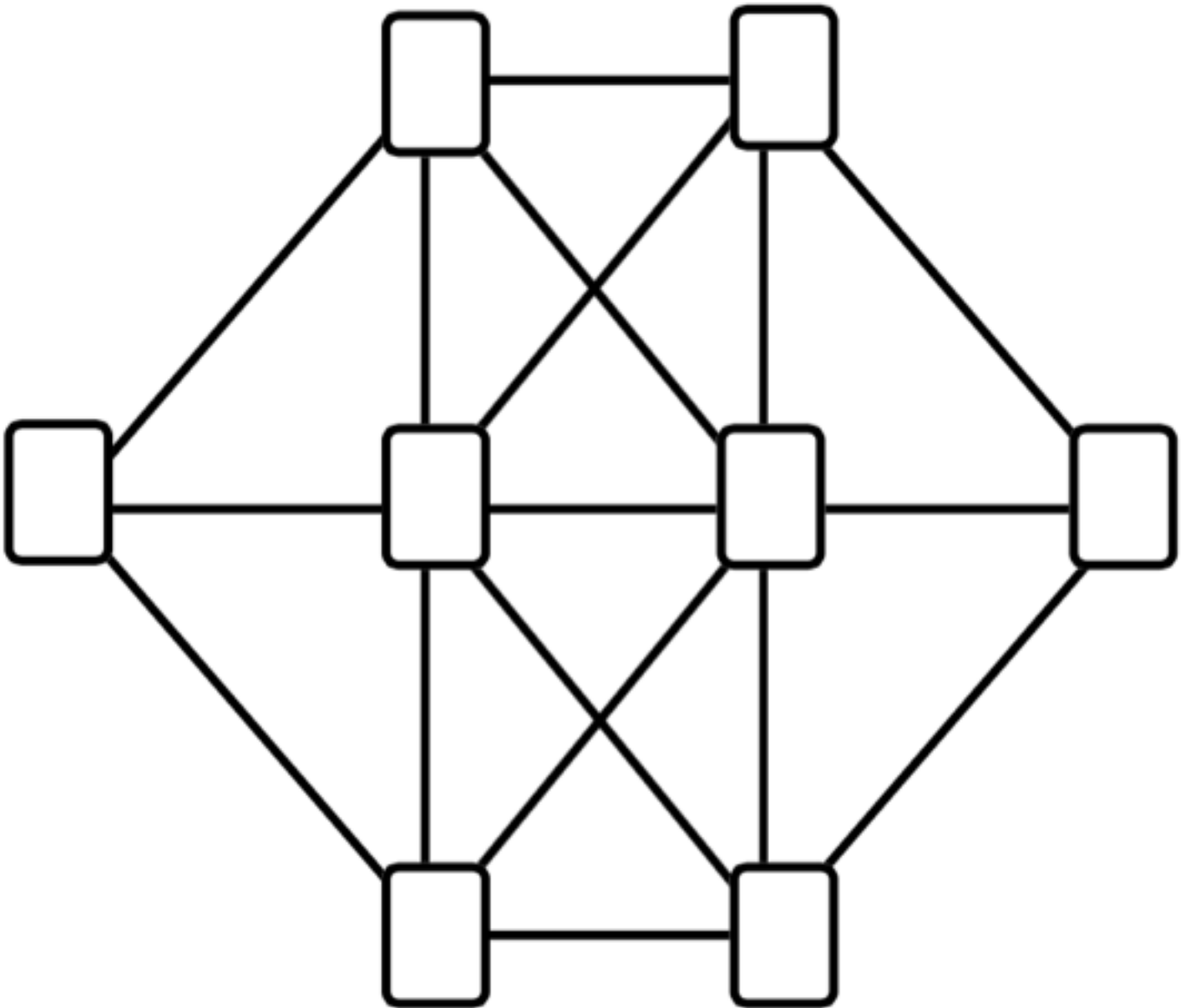




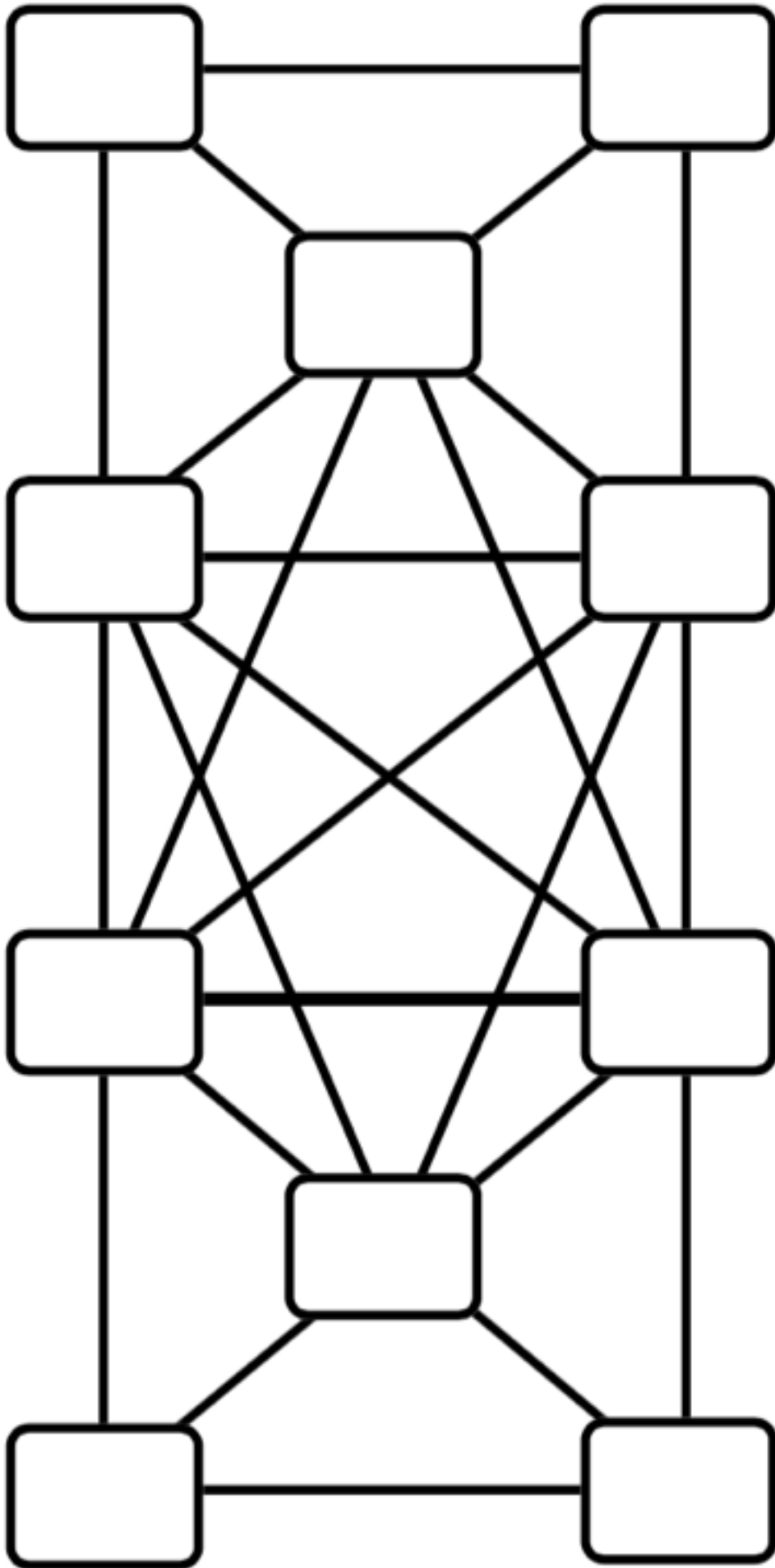
Use the numbers 7-14 (inclusive) so that each line has a total score of 30.



Arrange the numbers 1-8 (inclusive) so that each number is not connected to any consecutive to it. Example: number 1 can not be connected to number 2 and so on...



Arrange the numbers 1-8 (inclusive) so that each number is not connected to any consecutive to it. Example: number 1 can not be connected to number 2 and so on...



Arrange the numbers 1-10 (inclusive) so that each number is not connected to any consecutive to it. Example: number 1 can not be connected to number 2 and so on...

$$\begin{array}{r}
 \square \square \square \\
 + \square \square \square \\
 \hline
 \square \square \square \\
 \hline
 \end{array}$$

Please use the digits 1-9 to make this addition problem correct!

MAGIC SQUARES

In a magic Square, the numbers in each row, and in each column, and the numbers in the main and secondary diagonals, all add up to the same number.

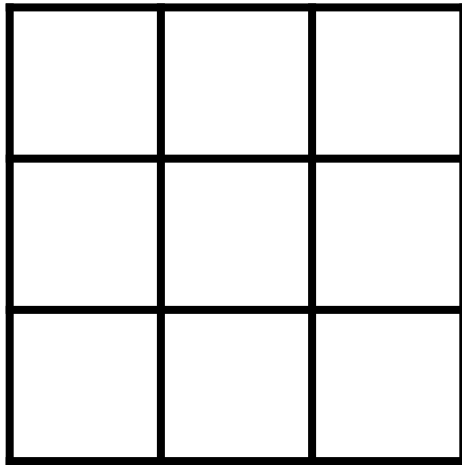
	7	
1		
		4

	1	
		7
		2

Complete these magic squares using the numbers 1-9

3		
	6	
		9

Arrange 2, 4, 5, 7, 8 and 10 into this square to start the magic!



Complete this square using the numbers 3 to 11.

With Depth:

Make a 3x3 magic square using any nine consecutive numbers.

What must the 'magic total' be?

With Greater Depth:

Make a different 3x3 magic square which have a magic total of 27.

MAGIC SQUARES of order 4

	2	3	
5			8
9			12
	14	15	

Can you complete this square using the numbers 1 to 16?

4	14	15	1
9	6	7	12
5	10	11	8
16	2	3	13

36	8	10	30
14	26	24	20
22	18	16	28
12	32	34	6

Can you analyse what has been done with this magic square?