

DISCUSSION FOR EIGHTH TUTORIAL

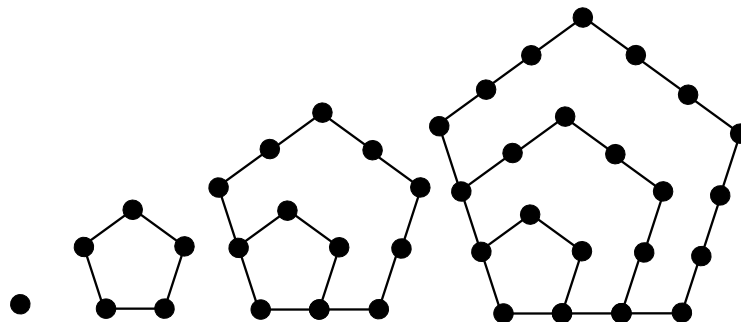
DATE: FRIDAY JAN 28 (LCT01), MONDAY JAN 31 (LBT01), FRIDAY FEB 4 (LCT02), MONDAY FEB 7 (LBT02 & LBT03)

From Thinking Mathematically (2nd edition p. 187, revised edition p. 170).

A number which can be represented as the number of dots in a triangular array is called a ‘triangular’ number



A number which can be represented in a pentagonal array is called pentagonal number.



Which numbers are triangular? which number are pentagonal? More generally, which numbers are p -polygonal?