

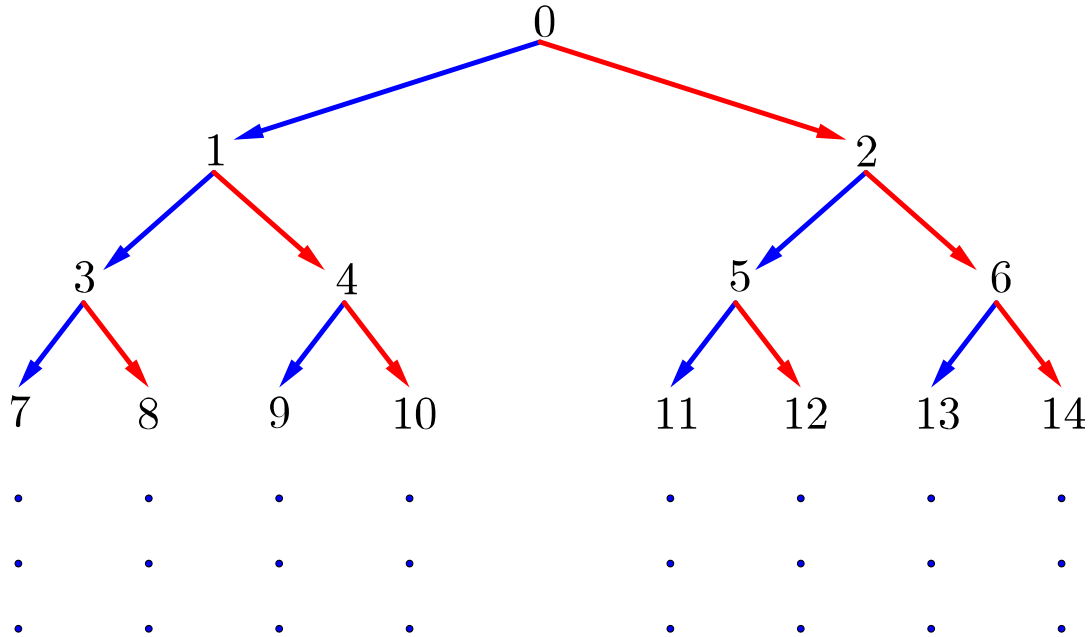


Problem of the Week

Problem C

Branching Out

Consider the following number tree.



In this number tree, the integers greater than or equal to 0 are written out in increasing order, with the top row containing one integer and every row after containing twice as many integers as the row above it.

If row 1 contains the integer 0, what is the fifth number in row 10?