

WEEK 20 – WEEKLY MATHS CHALLENGE



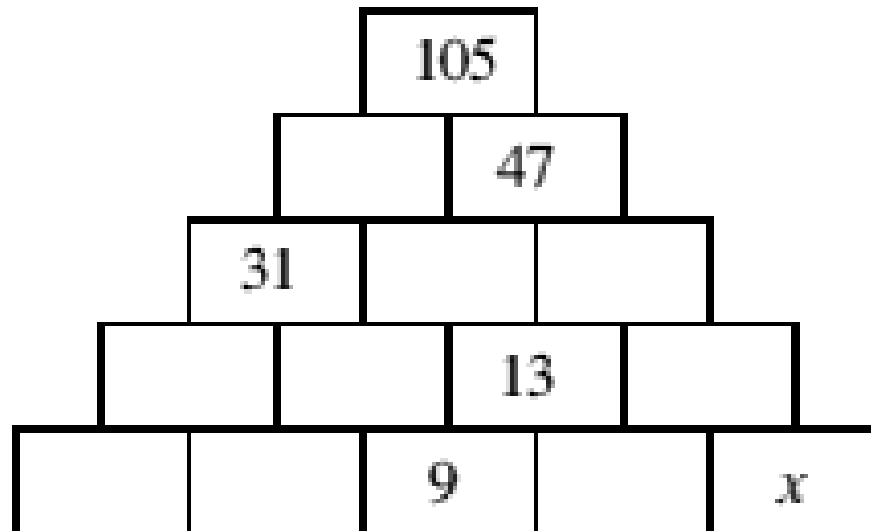
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The brick above is made by finding the sum of the two bricks underneath it.

Find the value of x



KEYS TERM OF THE WEEK

Scale factor: a constant multiplier between two similar shapes; can have a scale factor in length, area and volume, such that:

$$ASF = LSF^2 \text{ and } VSF = LSF^3$$

Submit your answers on a piece of paper with your name and form on by the END OF FRIDAY to the box by **student services.**

Winner revealed next Wednesday!



Mrs. Murray's Fun Number Fact:
"A Mersenne Prime is a prime which is one less than a power of 2, i.e. $2^n - 1$.
3 is the first, the 7; can you find more?"