

Problem of the Week Problem D A Power Filled Problem

 5^3 is a power with base 5 and exponent 3.

 5^3 means $5 \times 5 \times 5$ and equals 125 when expressed as an integer.

When $8^{670} \times 5^{2013}$ is expressed as an integer, how many digits are in the product?

HAPPY NEW YEAR!! 2013



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