In mathematics we like to write expressions concisely. For example, we will often write the expression $5 \times 5 \times 5 \times 5$ as $5^4$. The lower number 5 is called the base, the raised 4 is called the exponent, and the whole expression $5^4$ is called a power.

So $5^3$ means $5 \times 5 \times 5$ and is equal to 125.

What are the last three digits in the integer equal to $5^{2020}$?