



# POWERFUL THINKING 1

<https://aiminghigh.aimssec.ac.za/years-7-10-powerful-thinking-1/>

$$2^1 + 3^1$$

$$2^3 + 3^3$$

$$2^5 + 3^5$$

$$2^7 + 3^7$$

$$2^9 + 3^9$$

What pattern can you see in the last digits of the powers of 2?

And powers of 3?

Can you explain the patterns in the last digits of the numbers in this picture?