Minh họa dấu hiệu chia hết cho 7

z = a^n \* a(n-1) \* …. \* a(0) = a^0 + a^1\*10^1 + … + a^n\*10^n

t = a^0 – a^1 + a^2 – a^3 + a^4 – a^5 + …

z – t = a^1 \* (10^1 + 1) + a^2 \* (10^2-1) + a^3 \* (10^3 + 1) + …

(10^1 + 1) = 3mod7

(10^2 – 1) = 2mod7

(10^3 + 1) = -1mod7

(10^4 – 1) = -3mod7

(10^5 – 1) = -2mod7

(10^6 – 1) = 1mod7

(10^7 – 1) = 3mod7

(10^8 – 1) = 2mod7



