The Base-10 Expansion
$$2543$$
 300

- 14 E

Adding in binary system

$$T(n) = 4T(\frac{n}{2}) + n^2 \log n$$
?

$$R = \log 4 = 2$$

$$f(n) = n^2 \log n + \Omega(n^{2+2})$$
 for any $2 > 0$