## Kuchařkova věta

pro

$$T(n) = aT(n/b) + \Theta(n^c), T(1) = 1$$

kde  $a \geq 1, b > 1, c \geq 0$  platí, že:

$$T(n) =$$

- $\begin{array}{l} \bullet \ \ \Theta(n^clog(n)) \ \mathrm{pro} \ \frac{a}{b^c} = 1 \\ \bullet \ \ \Theta(n^c) \ \mathrm{pro} \ \frac{a}{b^c} < 1 \\ \bullet \ \ \Theta(n^{log_b(a)}) \ \mathrm{pro} \ \frac{a}{b^c} > 1 \end{array}$