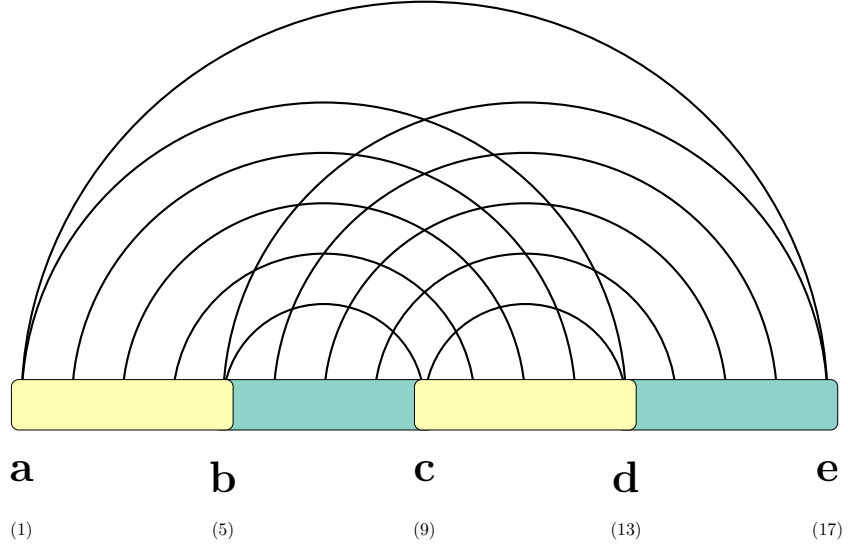


fatgraph name: H2



first and last anchors, already given:  $a, e$

$$A = \min_d \left( B[a, d \mid d, e] \right)$$

$$B'[a, d \mid d', e] = \min \left\{ B'[a+1, d \mid d', e], \quad \text{if } a+1 \notin \{d, d', e\} \right.$$

$$B[a, d \mid d', e] = \min \begin{cases} B[a, d-1 \mid d', e], & \text{if } d-1 \notin \{a, d', e\} \\ B'[a+1, d \mid d', e], & \text{if } a+1 \notin \{d, d', e\} \\ B[a+1, d-1 \mid d', e] + \Delta G(a, d) & \text{if } \{a+1, d-1\} \cap \{d', e\} = \emptyset, \\ C_{\boxtimes}[a, d, d', e] \end{cases}$$