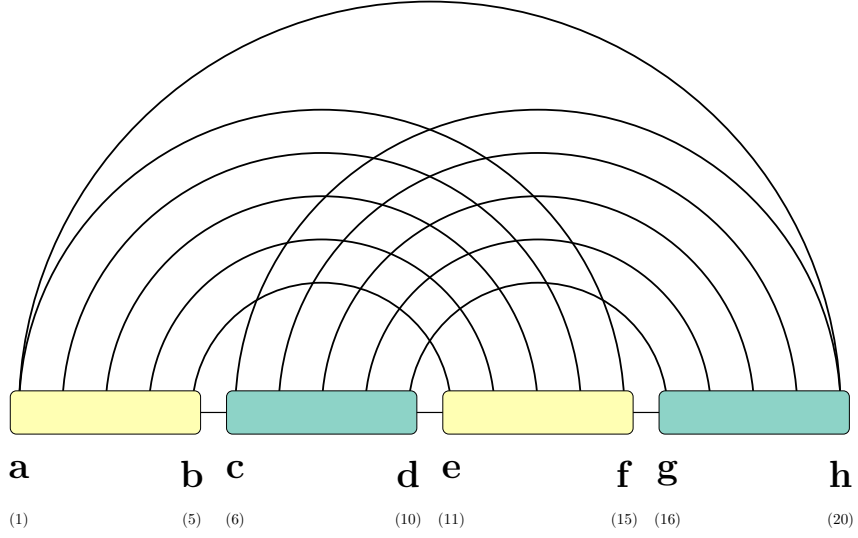


fatgraph name: **H**



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

$$A[a, h] = \min_{c, d, f} \left( B[f, d, h, c] + \text{yellow}[a, f \mid d, c] \right)$$

$$B[c, d, f, h] = \min_g \left( \text{teal}[c, d, g, h] \right)$$

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

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