fatgraph name: K4
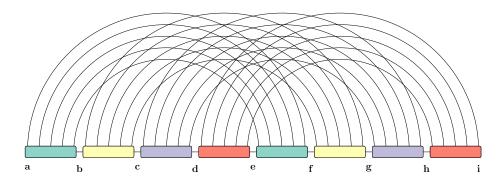

first and last anchors, already given: a, i

$$A = \min_{a,d,e,h,i} \left(B\left[a, d, e, h\right] + \boxed{C_{\boxtimes}}\left[d, e-1, h, i-1\right] \right)$$

$$B\left[a, d, e, h\right] = \min_{c,g} \left(C\left[a, c, e, g\right] + \boxed{C_{\boxtimes}}\left[c, d-1, g, h-1\right] \right)$$

$$C\left[a, c, e, g\right] = \min_{b,f} \left(\boxed{C_{\boxtimes}}\left[b, c-1, f, g-1\right] + \boxed{C_{\boxtimes}}\left[a, b-1, e, f-1\right] \right)$$