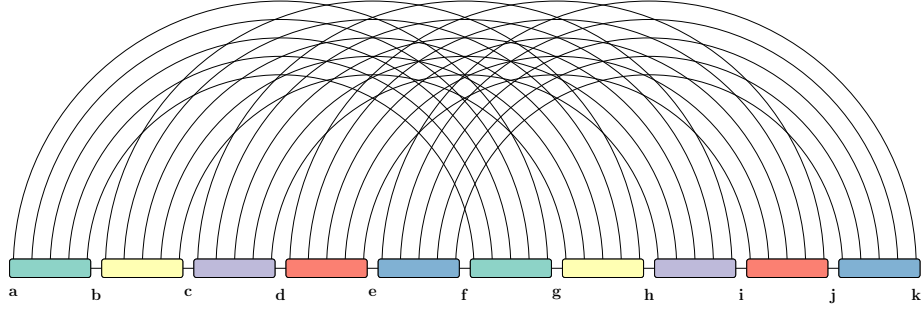


fatgraph name: K5



first and last anchors, already given: a, k

$$A = \min_{e,f,j} \left(B[a, e, f, j] + \boxed{C_{\boxtimes}}[e, f - 1, j, k - 1] \right)$$

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

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

$$D[b, d, g, i] = \min_{c,h} \left(\boxed{C_{\boxtimes}}[c, d - 1, h, i - 1] + \boxed{C_{\boxtimes}}[b, c - 1, g, h - 1] \right)$$

