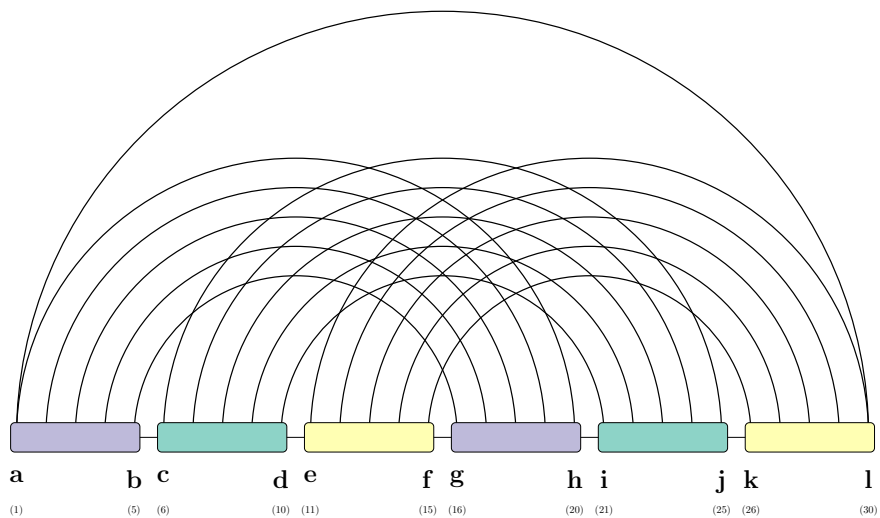


fatgraph name: L



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

$$A = \min_{d,f,k} (B[d, a, k, f] + G[d, l, k, f])$$

$$B[a, d, f, k] = \min_g (C[d, g, k, a])$$

$$C[a, d, g, k] = \min_{b,h} \left( C_{\boxed{\text{purple}}}[a, b, g, h] + D[d, h, b, k] \right)$$

$$D[b, d, h, k] = \min_c (E[d, c, h, k])$$

$$E[c, d, h, k] = \min_j (F[d, c, h, j])$$

$$F[c, d, h, j] = \min_i \left( C_{\boxed{\text{teal}}}[c, d, i, j] \right)$$

$$G[d, f, k, l] = \min_e \left( C_{\boxed{\text{yellow}}}[e, f, k, l] \right)$$