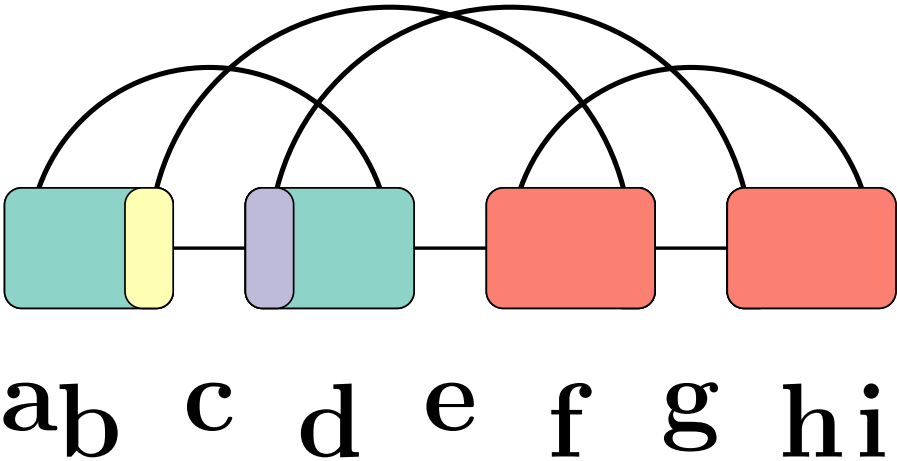


fatgraph name: M



first and last anchors, already given: a,l

$$A=\min(B\,[])$$

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

$$C\left[b,d,h,k\right]=\min_c\left(D\left[c,d,h,k\right]\right)$$

$$D\left[c,d,h,k\right]=\min_j\left(E\left[c,d,h,j\right]\right)$$

$$E\left[c,d,h,j\right]=\min_i\left(C_{\boxtimes}\left[c,d-1,i,j-1\right]\right)$$

$$F\left[a,d,g,k\right]=\min_f\left(G\left[a,d,f,k\right]\right)$$

$$G\left[a,d,f,k\right]=\min_l\left(H\left[d,f,k,l\right]\right)$$

$$H\left[d,f,k,l\right]=\min_e\left(C_{\boxtimes}\left[e,f-1,k,l-1\right]\right)$$