



list-x = ABCDEYWF **GLXIHJKL**
 list-y = WHADZLECGJFKBYIX

x-left = ABCDEYWF } split-list-x
 x-right = GLXIHJKL

y-left = WADECFBY } split-list-y
 y-right = HZLGJKIX

closest-left = A-D dist 4

closest-right = J-K dist $\sqrt{5}$

middle = WZGFYX } make-middle
 search-middle



