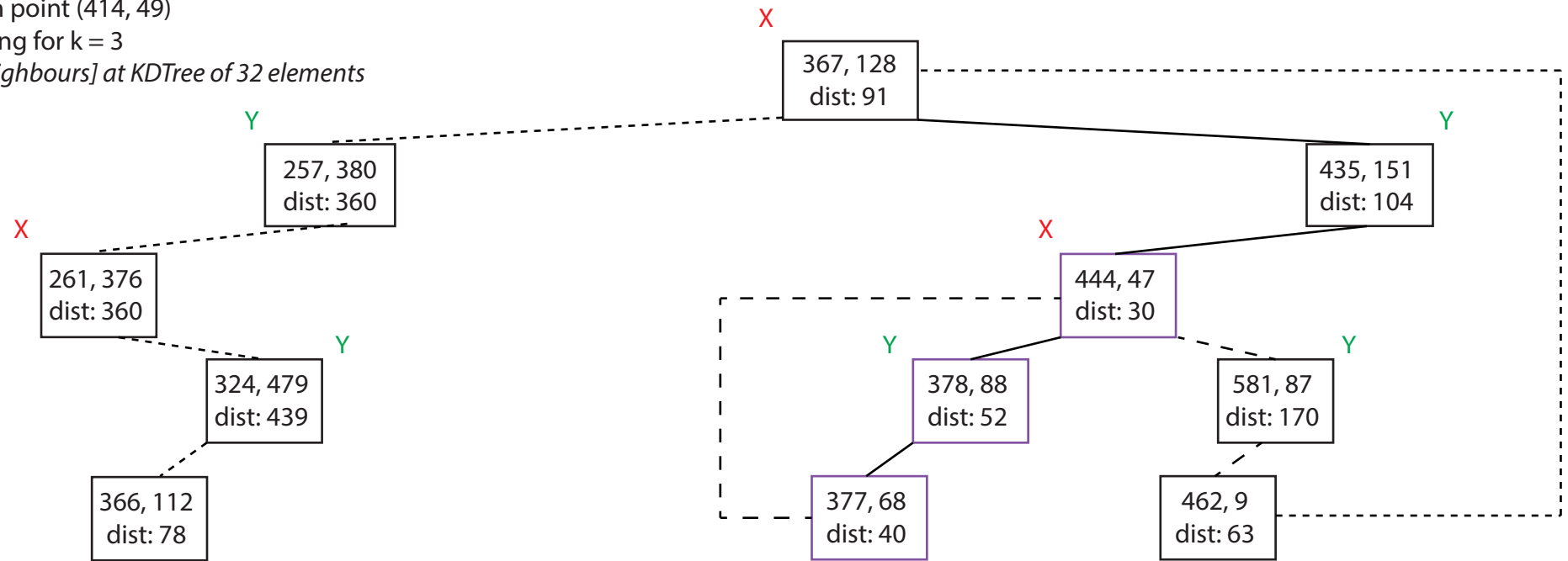


given point (414, 49)
 looking for $k = 3$
 [3 neighbours] at KDTree of 32 elements



1. $414 > 367$ right
2. $49 < 151$ left
3. $414 < 444$ left
4. $49 < 88$ left
5. 377, 68 is an end point, goes to best distance node 444, 47 and check second child
6. $49 < 87$ right
7. 462, 9 is an end node, so it goes to the best parent node of 444.47, so it is 367, 128 for second child
8. $49 < 380$ left
9. $414 > 376$ right
10. $49 < 479$ left
11. 366, 112 in an end node. Since the parent of best value was 367, 128 (top) — algorithm stops.