```
from typing import List, Tuple
from collections import defaultdict, deque
def drone_pathfinding(drones: List[Tuple[int, int, int, int, int, int]]) -> List[List[Tuple[int, int]]]:
  # Create a graph representation of the grid, where each cell is a node
  graph = defaultdict(list)
  for i in range(20):
    for j in range(20):
       if i > 0:
         graph[(i, j)].append((i-1, j))
       if i < 19:
         graph[(i, j)].append((i+1, j))
       if j > 0:
         graph[(i, j)].append((i, j-1))
       if j < 19:
         graph[(i, j)].append((i, j+1))
  # Create a dictionary of drone schedules, where each time step is a key
  schedules = defaultdict(list)
  for drone in drones:
    for t in range(drone[4], drone[4]+abs(drone[0]-drone[2])+abs(drone[1]-drone[3])+1):
       schedules[t].append(drone)
  # Use BFS to find the shortest path for each drone at each time step
  paths = []
  for t in sorted(schedules.keys()):
    positions = {drone[:2]: drone for drone in schedules[t]}
    visited = set(positions.keys())
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queue = deque(positions.keys())
                     while queue:
                                pos = queue.popleft()
                                for neighbor in graph[pos]:
                                          if neighbor in visited:
                                                     continue
                                          visited.add(neighbor)
                                          queue.append(neighbor)
    if neighbor in positions:
   drone = positions[neighbor]
   paths.append([(drone[0]+i*(drone[2]-drone[0])//abs(drone[0]-drone[2]), drone[1]+i*(drone[3]-drone[2]), drone[2]+i*(drone[2]-drone[2]), drone[2]+i*(drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3]-drone[3
drone[1])//abs(drone[1]-drone[3])) for i in range(abs(drone[0]-drone[2])+abs(drone[1]-
drone[3])+1)])
   positions.pop(neighbor)
    if not positions:
                                  break
        if not positions:
                                  break
                                  return paths
```