17. [4] Draw how Quicksort would sort this list:

24	16	9	10	8	7	20

step #'s

1 | 24 | 16 | 9 | 20 | 8 | 7 | 10 |

2 | 7 | 16 | 9 | 20 | 8 | 24 | 10 |

3 | 7 | 8 | 9 | 20 | 16 | 24 | 10 |

4 | 7 | 8 | 9 | 10 | 16 | 24 | 20 |

5 | 7 | 9 | 8 | 10 | 16 | 24 | 20 |

6 | 7 | 8 | 9 | 10 | 16 | 24 | 20 |

7 | 7 | 8 | 9 | 10 | 16 | 20 | 24 |

8 | 7 | 8 | 9 | 10 | 20 | 16 | 24 |

9 | 7 | 8 | 9 | 10 | 16 | 20 | 24 | ← last step

Let me know what your pivot picking algorithm is (if it's not obvious):

I think it's Partitioning