

(1) 1 2 3 4 5 6 7 8 | 9 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |

(2) 1 2 3 4 | 5 6 7 8 | 9 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |

(3) 1 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |

(4) 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | Still one more split needed

Threshold is 17 ? (w 17 elements, we need 5 "layers"

Theory: The next threshold is 49.

(2) 49 elements, we need 6 "layers"