

Binary Search Handout

Name: _____

Period: ____

1. Use the Binary Search to find the number 27 in:

2	3	5	7	8	14	17	19	20	27	31
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How many *tries* did it take to find this number?

How many *tries* would it take using Linear Search?

How about the number 5, 31?

Which numbers are faster using Linear Search?

2. Use Binary Search to find the number 103 in:

17	19	20	44	46	51	91	103	302	331	345	389	399	408	599	603
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How many *tries* did it take to find this number?

How many *tries* would it take using Linear Search?

How about the number 20, 408?

Which numbers are faster using Linear Search?