Name:	Period: Date:							
,	Sort	ING AL	GORI	тнм V	Vorks	SHEE	ĒΤ	
Assignment: For each sorting iterations it take the worst possil average case u efficiency of each of the possible average case u efficiency of each para Sorting	es to fully sole order (sing a ran ch algorith	sort an integ (in reverse), idomly gene im.	er array of the best ca rated list. (various sizes (the dage) the dage (the dage) was also be determined to the dage of the dag	zes when t ata is alread ne results v	he data dy sorteo vill help	is organized d), and the reveal the "E	in
Sort Algorithm	RTED IN REVERSE ORDER: (USUALLY WORST CASE SCENARIO) Number of Elements							
	500	1000	1500	2000	2500	3000	3500	4000
Selection								
Insertion								
Merge								
FOR DATA SOR	RTED IN	OPTIMAL (ORDER:	(USUALLY BE	ST CASE SCEI	NARIO)		
Sort Algorithm	Number of Elements							
	500	1000	1500	2000	2500	3000	3500	4000
Selection								
Insertion								
Merge								
FOR DATA SOF	RTED IN	RANDOM	ORDER:	(USUALLY AV	ERAGE CASE	SCENARIO)	
Sort Algorithm				Number of	Elements			
	500	1000	1500	2000	2500	3000	3500	4000
Selection								
Insertion								
Merge	•							
SORTING ALGO	RITHM S	SUMMARY	· .					
Sorting Algorithm	General Efficiency				Iterations Performed			
	(Big <i>0</i>)	Best	Case	W	orst Case		Average Case	
Selection								
Notes:								
Insertion								
Notes:				l				
Merge								
Notes:								

Graphing the Worst Case

