

AP Java Sorting Worksheet 1

Name _____

For parts A - F: Put lists in ascending order. List the elements in order after *each pass*.

A. Bubble Sort

UNSORTED LIST

7 9 8 4 5 1

— — — — —	after one pass
— — — — —	after two passes
— — — — —	after three passes
— — — — —	after four passes
— — — — —	after five passes

B. Bubble Sort

UNSORTED LIST

8 6 1 4 3 5 2

— — — — —	after one pass
— — — — —	after two passes
— — — — —	after three passes
— — — — —	after four passes
— — — — —	after five passes
— — — — —	after six passes

C. Selection Sort

UNSORTED LIST

7 9 8 4 5 1

— — — — —	after one pass
— — — — —	after two passes
— — — — —	after three passes
— — — — —	after four passes
— — — — —	after five passes

D. Selection Sort

UNSORTED LIST

8 6 1 4 3 5 2

— — — — —	after one pass
— — — — —	after two passes
— — — — —	after three passes
— — — — —	after four passes
— — — — —	after five passes
— — — — —	after six passess

E. Insertion Sort

UNSORTED LIST

7 9 8 4 5 1

— — — — —	after one pass
— — — — —	after two passes
— — — — —	after three passes
— — — — —	after four passes
— — — — —	after five passes

F. Insertion Sort

UNSORTED LIST

8 6 1 4 3 5 2

— — — — —	after one pass
— — — — —	after two passes
— — — — —	after three passes
— — — — —	after four passes
— — — — —	after five passes
— — — — —	after six passes