

Sorting algorithms

Bubble sort	Merge sort
Compare numbers “in the bubble”, passing along the set of items a number of times until everything is sorted	Split in half continuously until single items remain. Then build back up, sorting as you go
Takes time - a big deal with large sets	Quicker with large sets
Less efficient with large sets	More efficient with large sets
With a small set it doesn't make much difference which algorithm is used	
Fairly easy to code	Much harder to code
Requires less memory/variables	Requires significant memory/variables to store the subsets - can be a real problem with very large sets