Why algorithms?

Automation

Are all algorithms equal?

No. Several may be correct, but have different characteristics (performance, etc).

How are algorithms communicated, described?

natural language, pseudo-code, flow-chart, programming language

What is the difference between a good and a bad algorithm?

TODO

What makes for a good algorithm?

Speed, simplicity, compactness

Terms

Algorithm - A step-by-step way of performing a calculation. A precisely defined set of instructions for taking an input (or nothing) and arriving at an output

Elegant - uses a small amount of code for maximum effect