1 [Primitive Name]

- introduces the primitive - short narative describing the operation

1.1 Input data

- describes the expectations of the input data (shape/type/number/etc)
- possible subsubsections for each generic category of expectation
  - one of these SHOULD be a JSON Schema or other type of machine readable description of the data

1.2 Output Data

- describes the expectations of the output data (shape/type/number/etc)
- possible subsubsections for each generic category of expectation
  - one of these SHOULD be a JSON Schema or other type of machine readable description of the data

1.3 Operation

- summary of operation in numbered list of steps

1.3.1 Formal Specification

- z spec for the primitive

1.3.2 Pseudocode

- should follow the format used in the existing Pseudocode sections of each algorithm definition

2 Recommended Primitives

- intro text for the purpose of this section

2.1 Complementary

- primitives which should be used hand-in-hand with the primitive defined in this tex document
  - doesn't consider ordering

2.2 Input Data Producers

- primitives which produce output data which can serve as input data to the primitive defined in this tex document
- subset of the primitives referenced within the Complementary section

2.3 Output Data Consumers

- primitives which consume the output data of the primitive defined in this tex document
- subset of the primitives referenced within the Complementary section

2.4 Alternatives

- primitives which may be used instead of the primitive defined in this tex document
- subset of the primitives referenced within the Complementary section

2.5 Related

- primitives which are in some other way related to the primitive defined in this tex document
- MAY be a subset of the primitives referenced wtihin the Complementary section

2.5.1 By Operation

- references to other Primitives which have a similar but not identical operation

2.5.2 By Input Data

- references to other Primitives which expect similar or idential input data

2.5.3 By Output Data

- references to other Primitives which produce similar output data