**SVG parsing**

**SVG**

**Sets identification**

Venn diagram XML

**Text Object Association**

Calculate the centroid and the area of all minimal regions

Create a pool of text labels except set labels

Is text label on border of a set?

No

Yes

Text Association with Minimal Region

Text Association with Relevant Zone

Normalization

**Student Diagram**

**Parser**

**Diagram Grader**

**Marking Scheme**

**Model Diagram**

**Marking Results**