

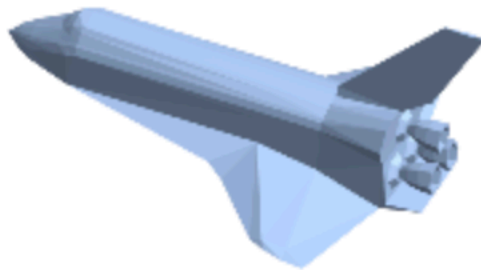
< 3D Printing

Get Properties of Models, Materials, and Costs

Leveraging built-in geometric computation and the extensive Wolfram Knowledgebase, properties of 3D models and materials can be computed.

```
In[1]:= model = ExampleData[{"Geometry3D", "SpaceShuttle"}, "Region"]
```

Out[1]=



Mass of the model in aluminum.

```
In[2]:= volume = Quantity[Volume[model], "Centimeters"^3]
```

Out[2]= 55.5217 cm³

```
In[3]:= aluminum (element) ... ✓ ["Density"] * volume
```

Out[3]= 149.909 g